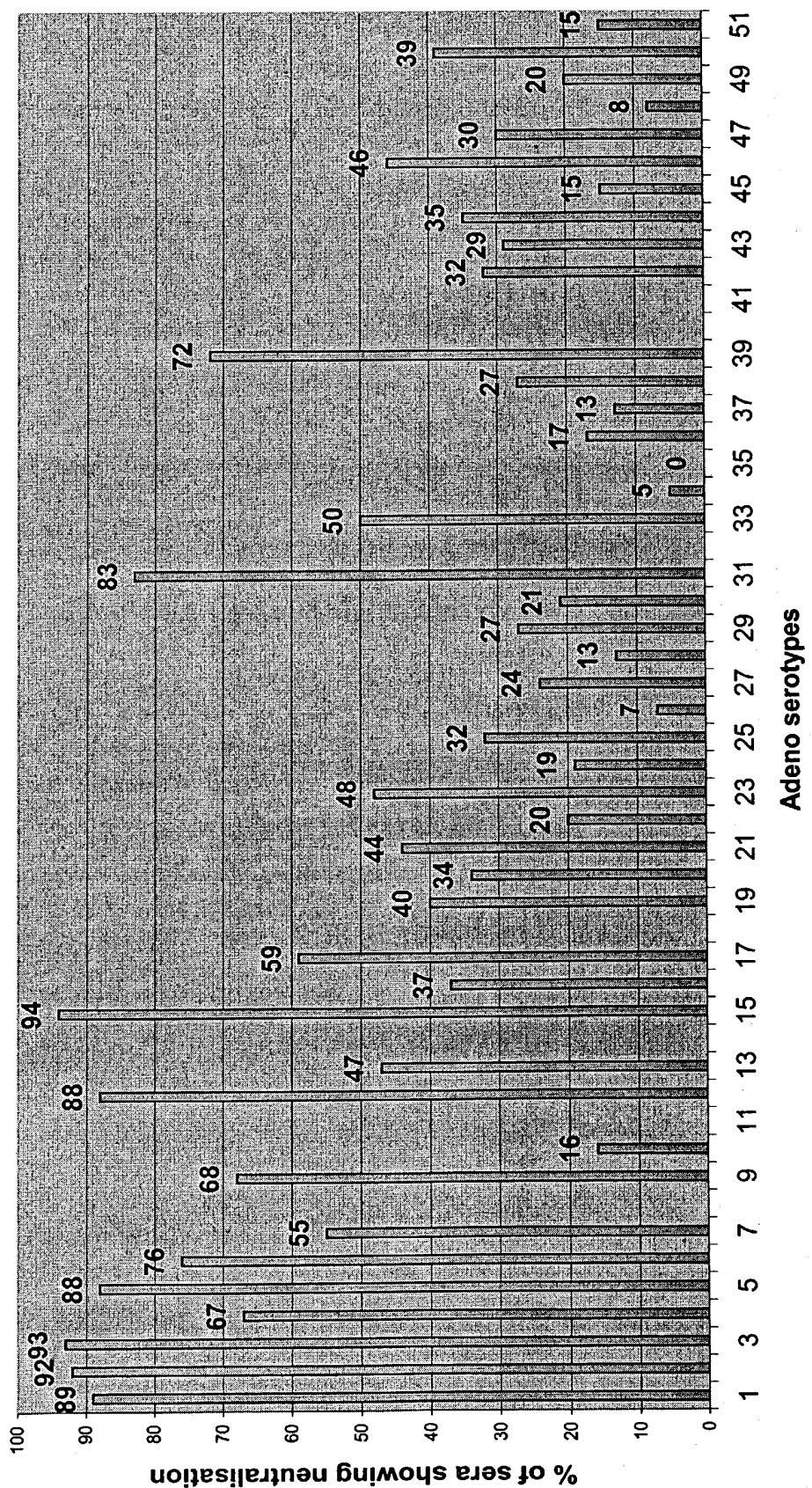


Figure 1:
 % of human sera with neutralising capacity for human adenovirus (n=100)



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Figure 2

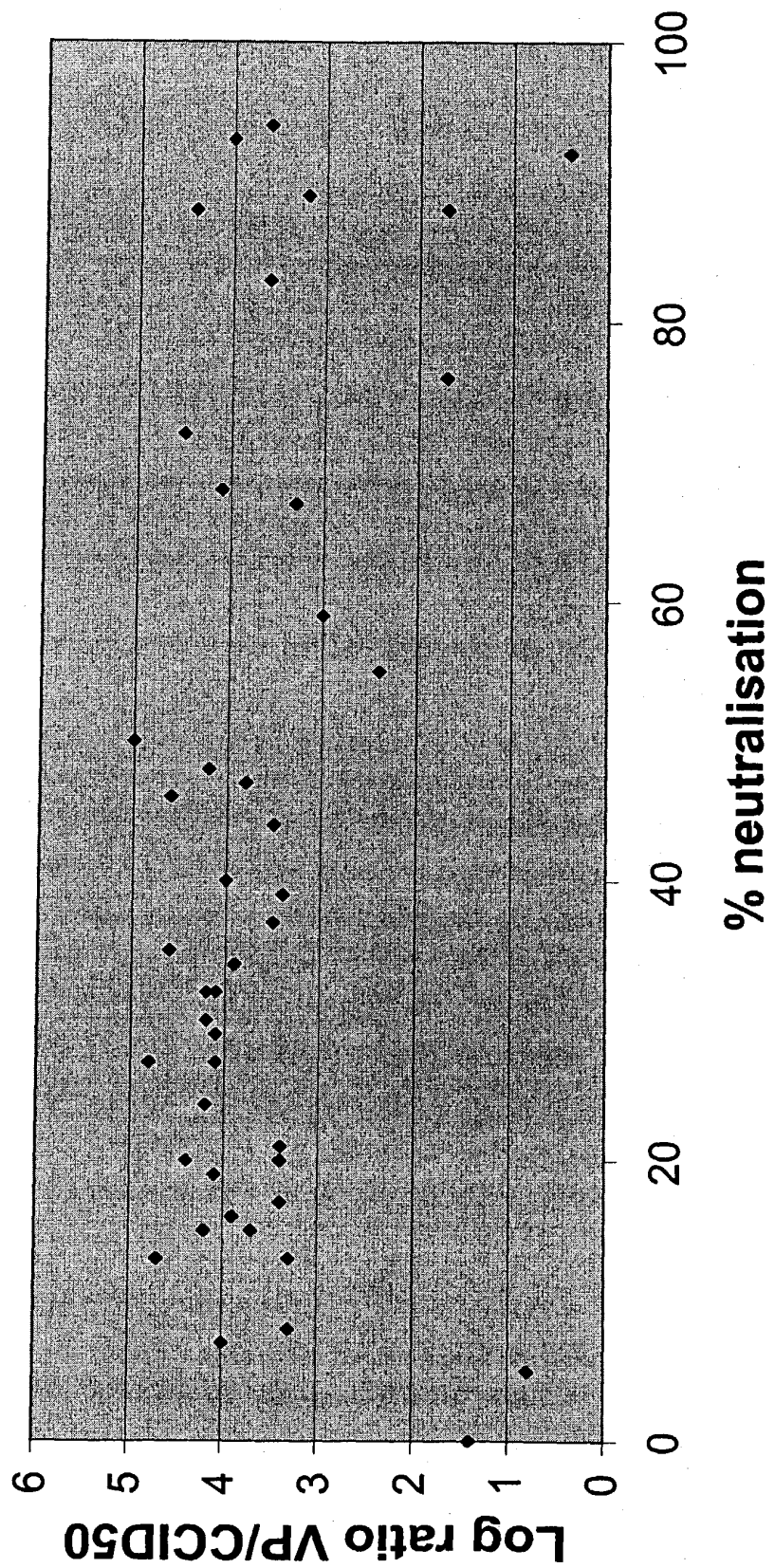


Figure 3
Neutralisation in human sera

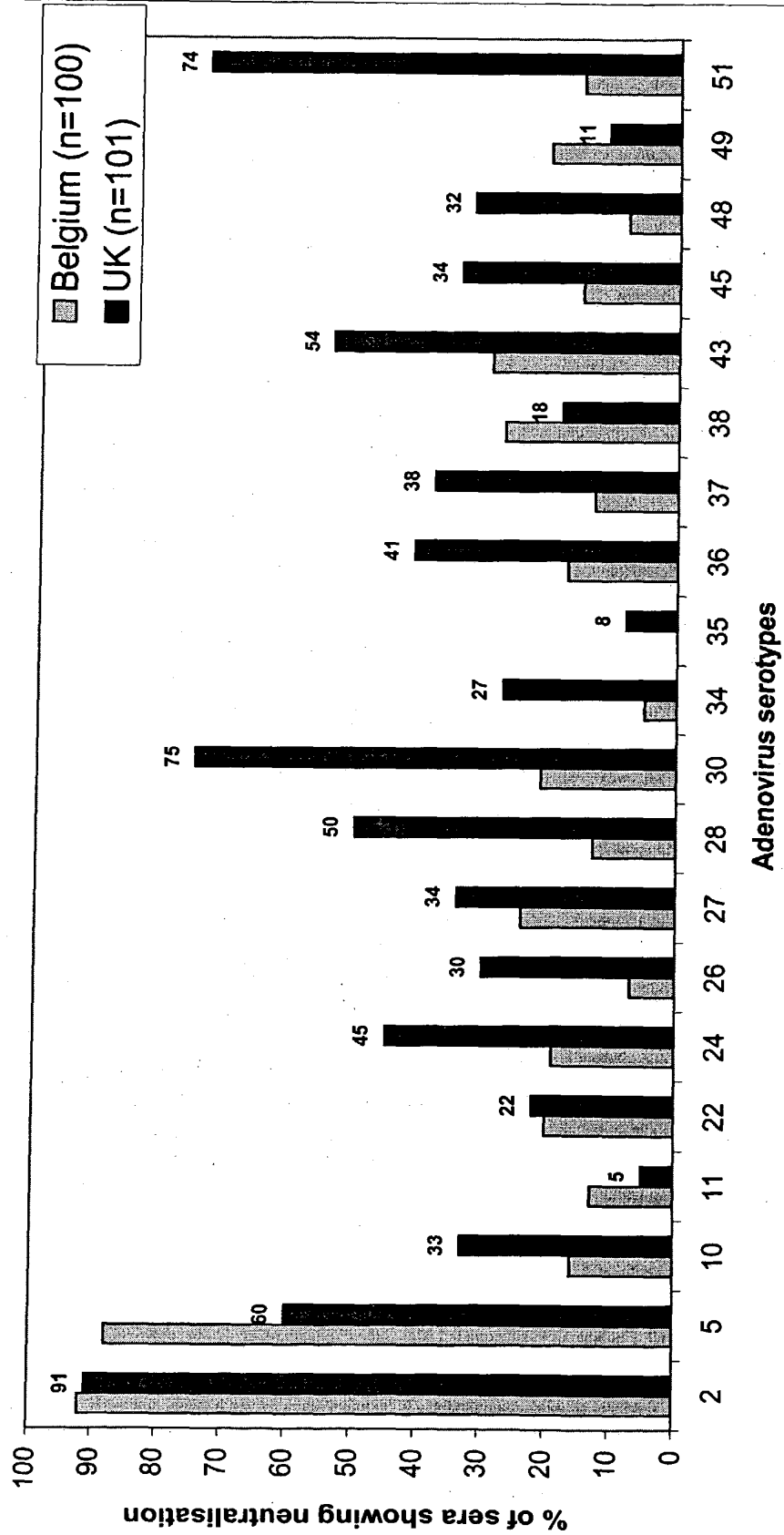


Figure 4
Neutralisation in human sera from different geographic locations

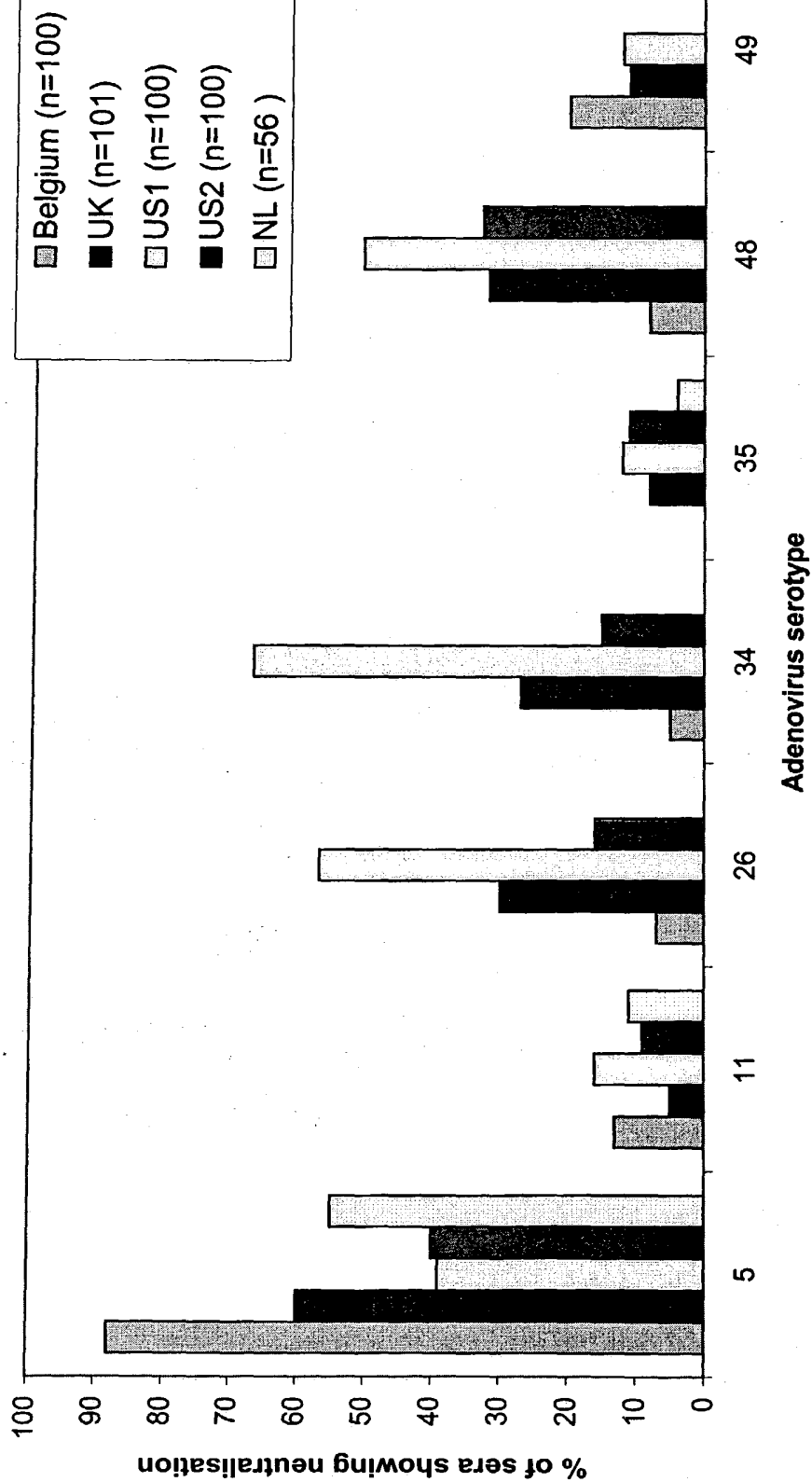


Figure 5

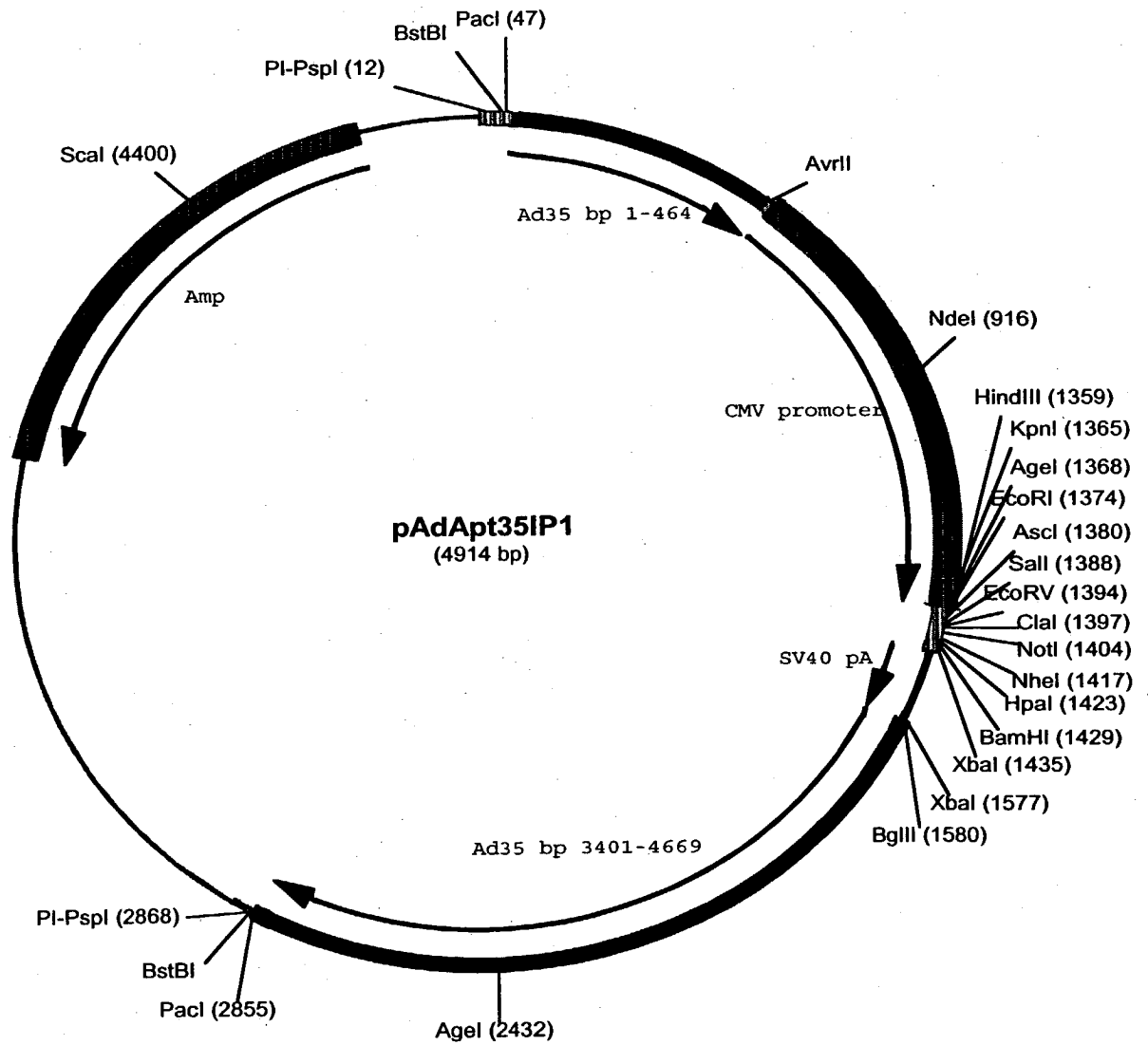
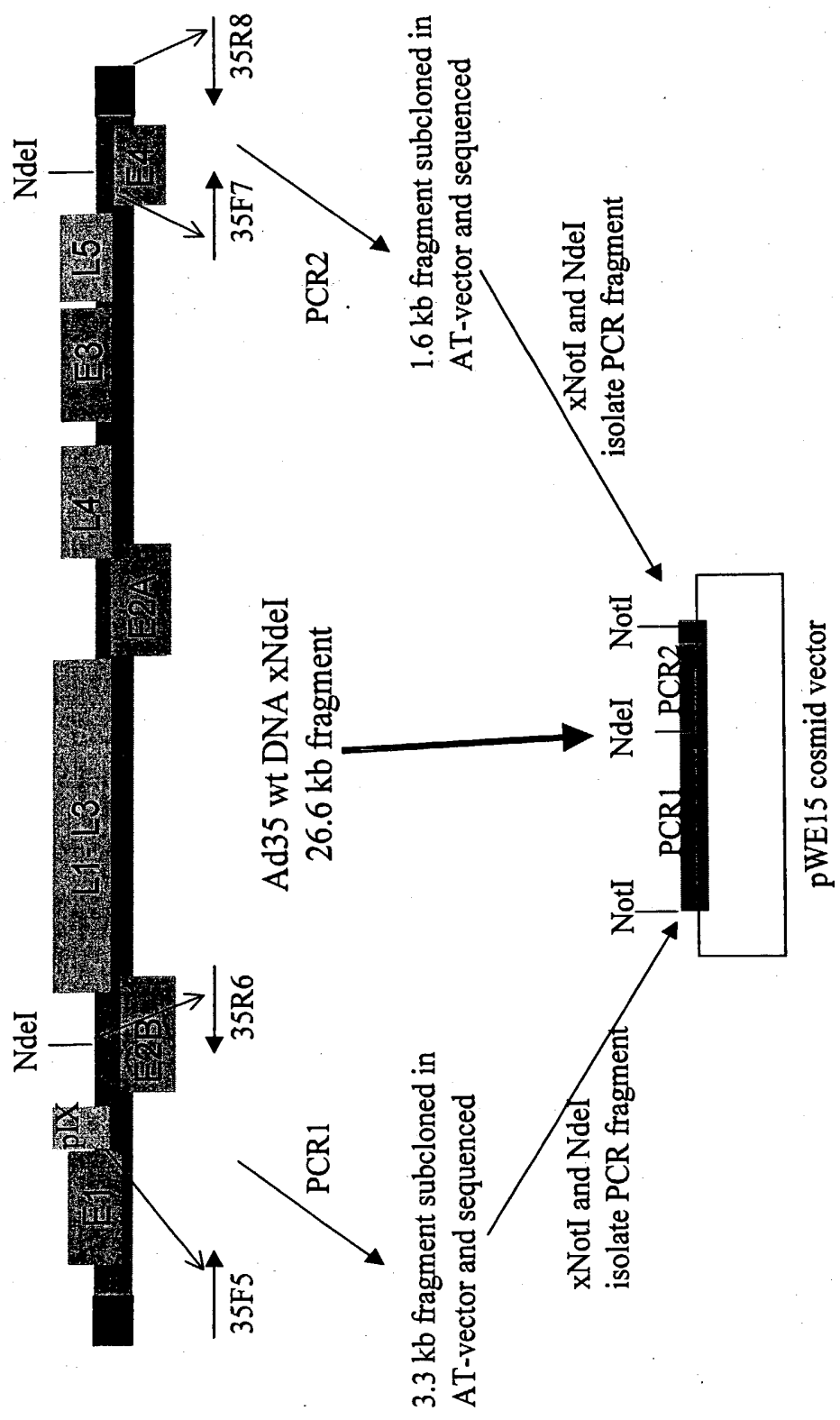


Figure 6

Construction of cosmid vector pWE.Ad35.pIX-rITR



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Figure 7

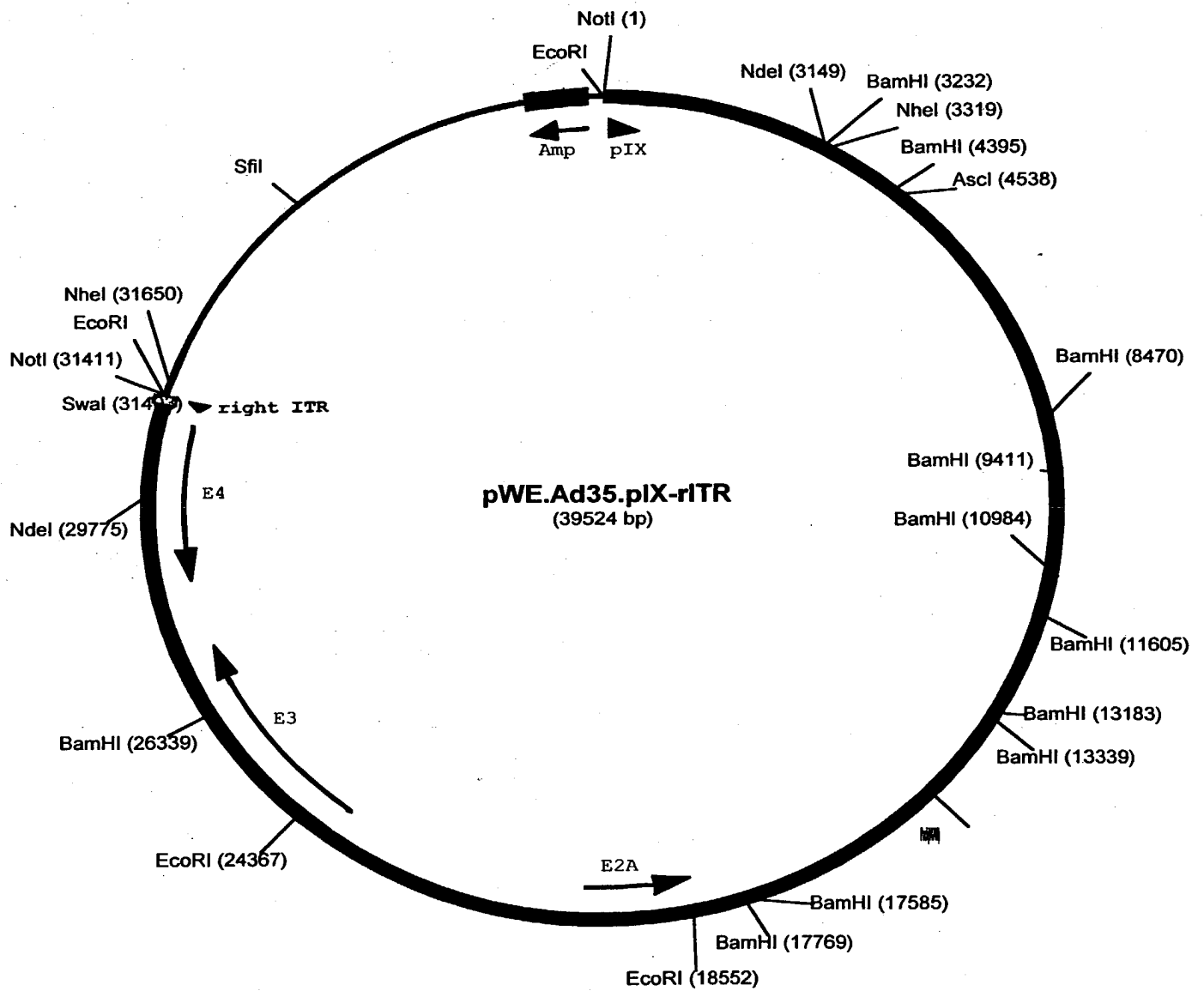


Figure 8

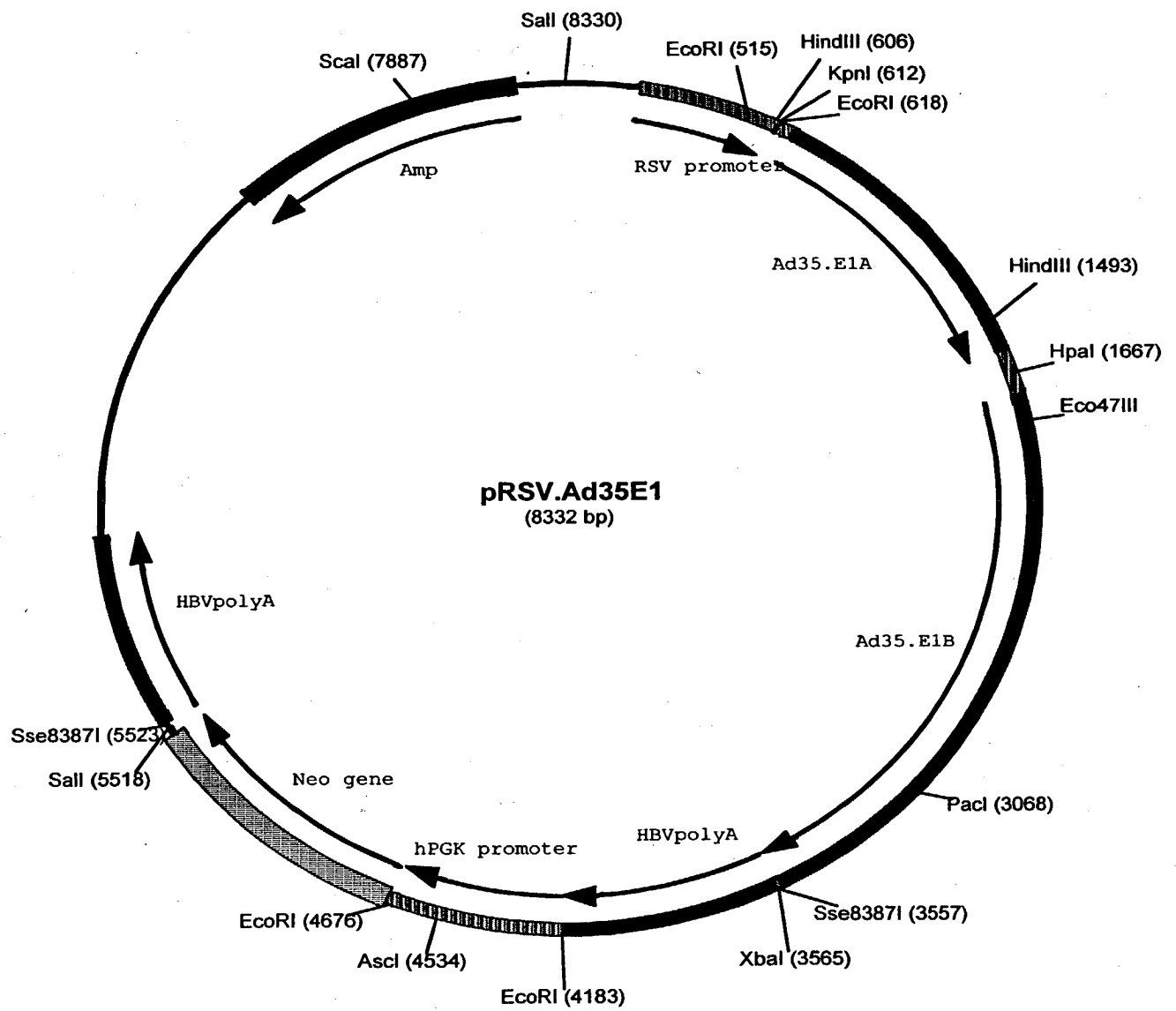


Figure 9

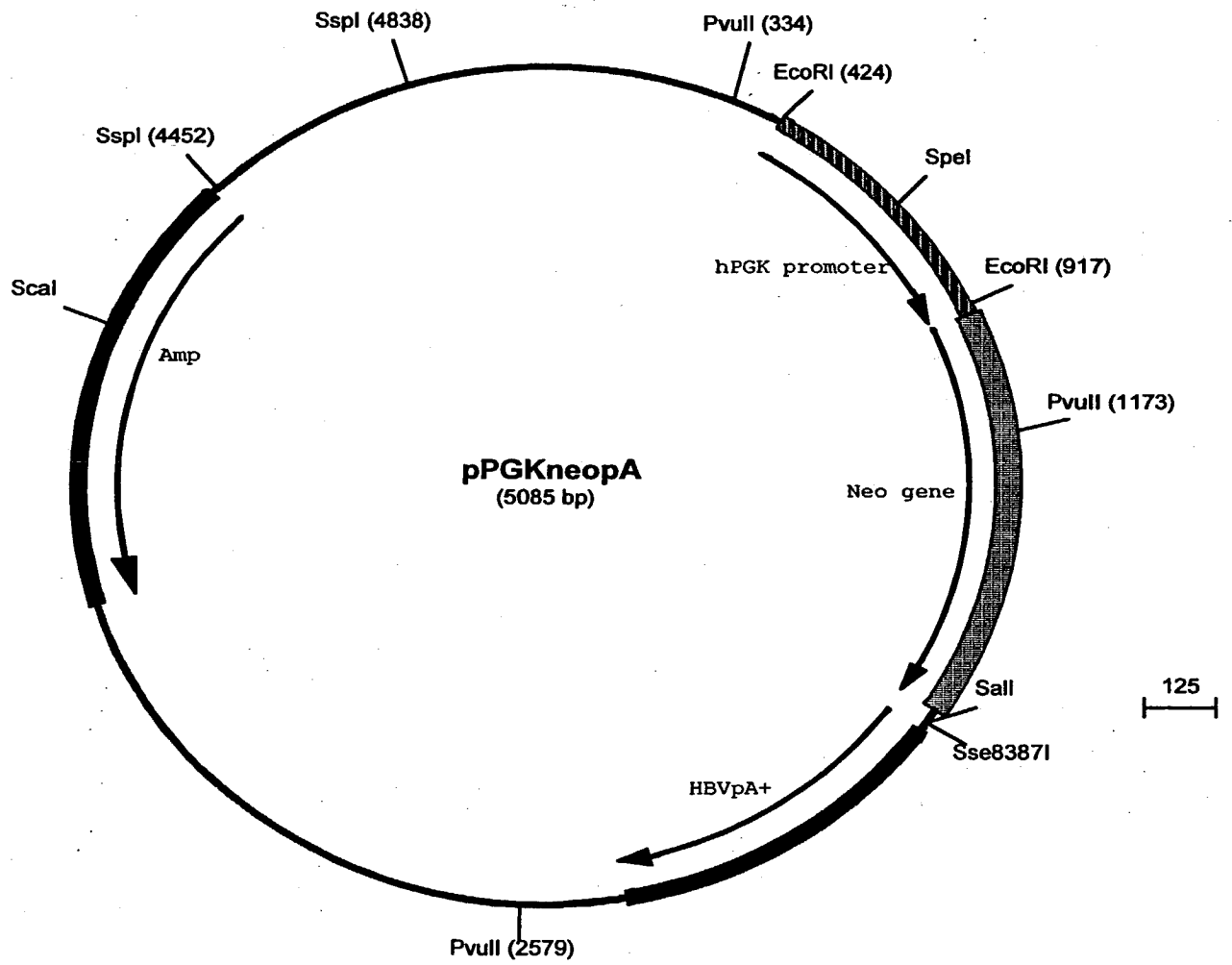
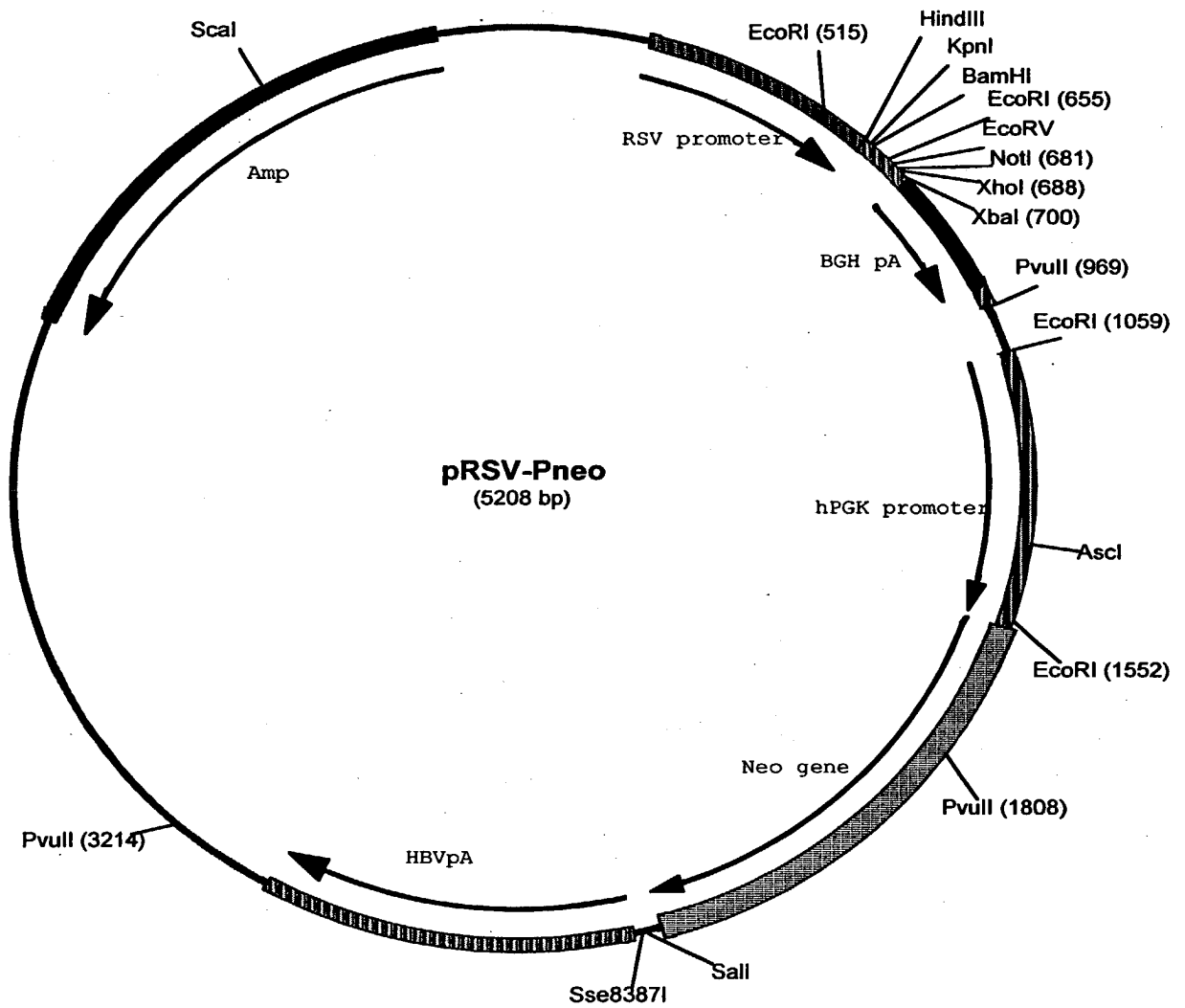


Figure 10



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Figure 11

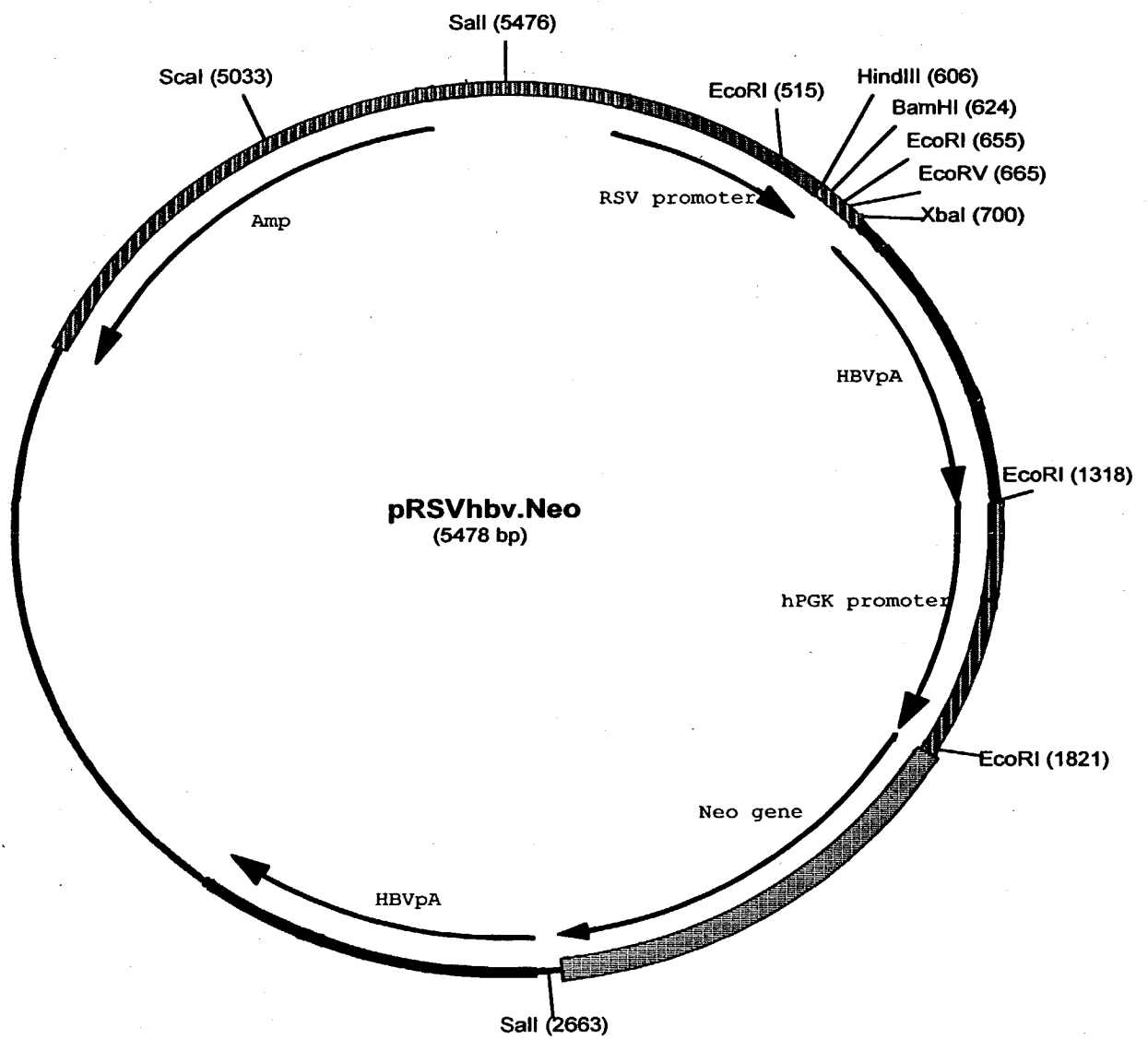


Figure 12

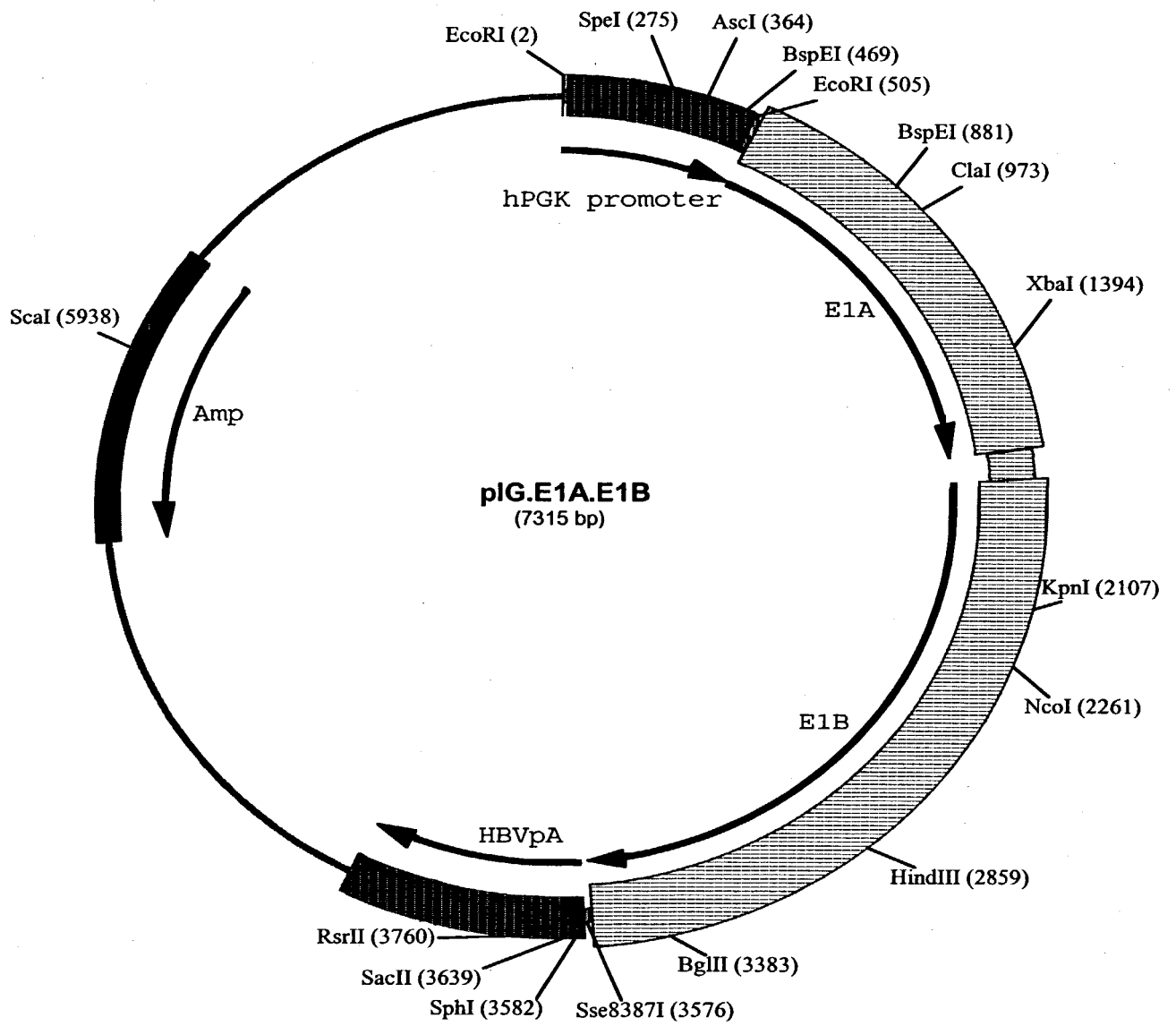
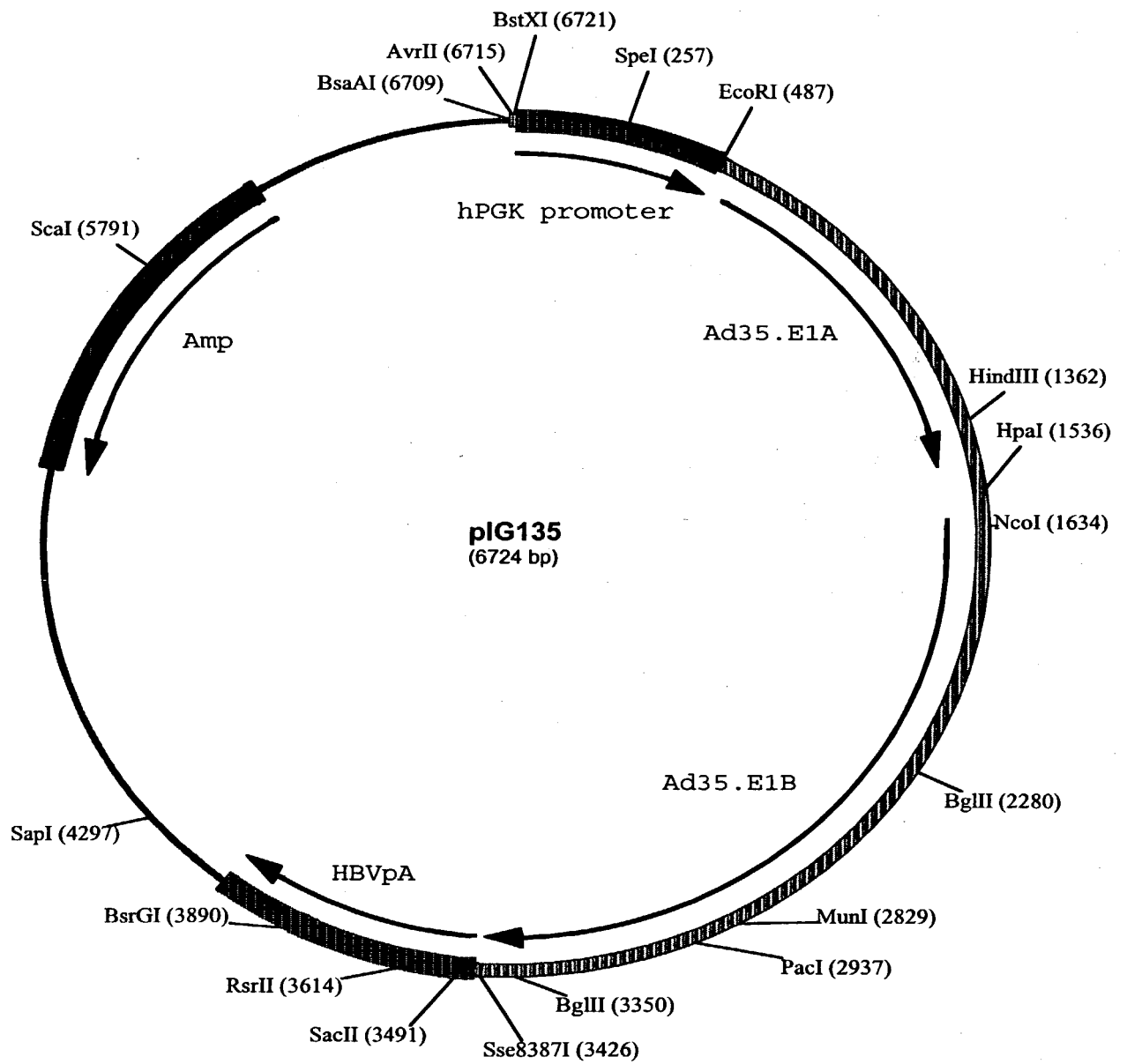


Figure 13



TITLE: COMPLEMENTING CELL LINES

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Figure 14

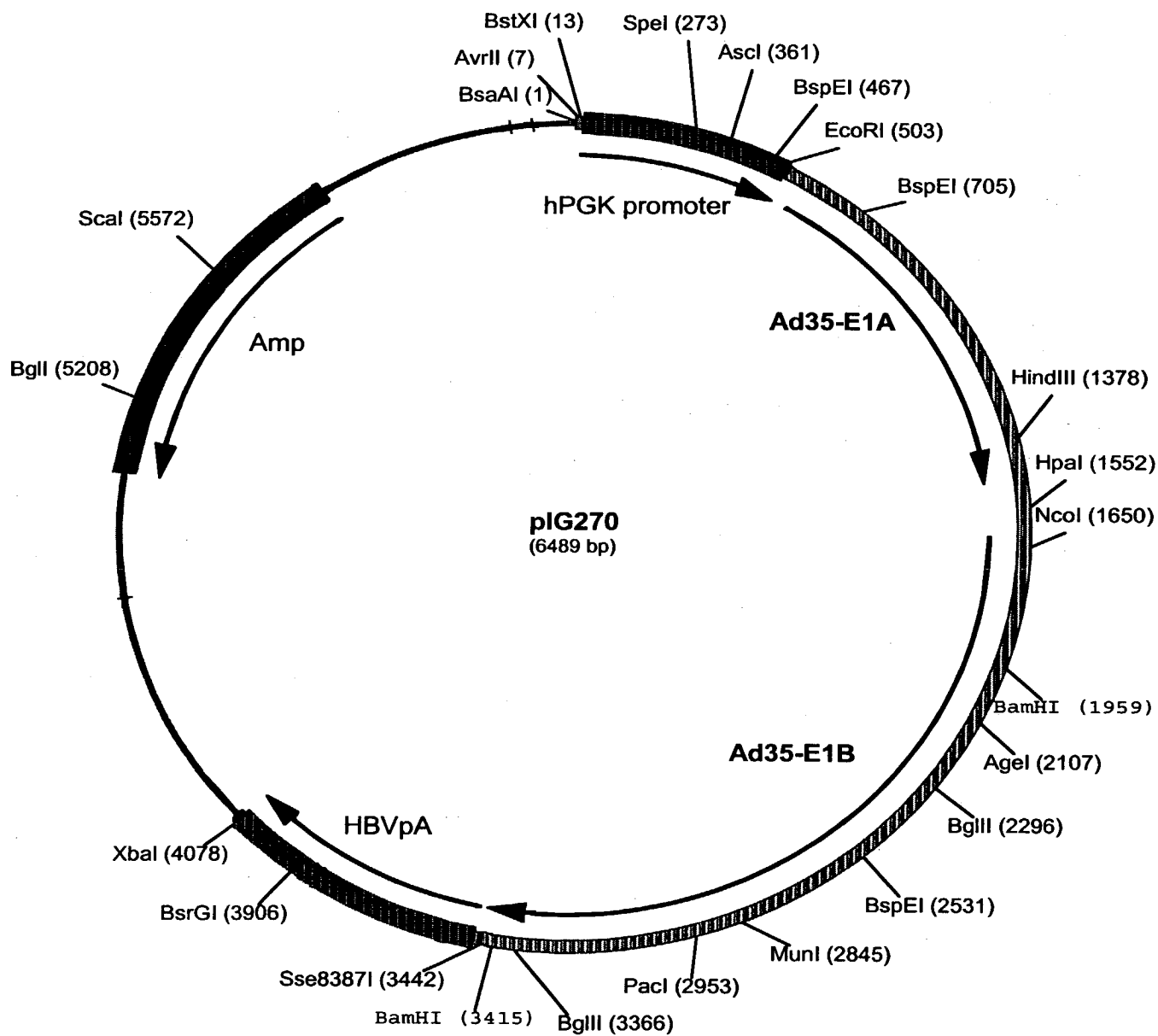


Figure 15

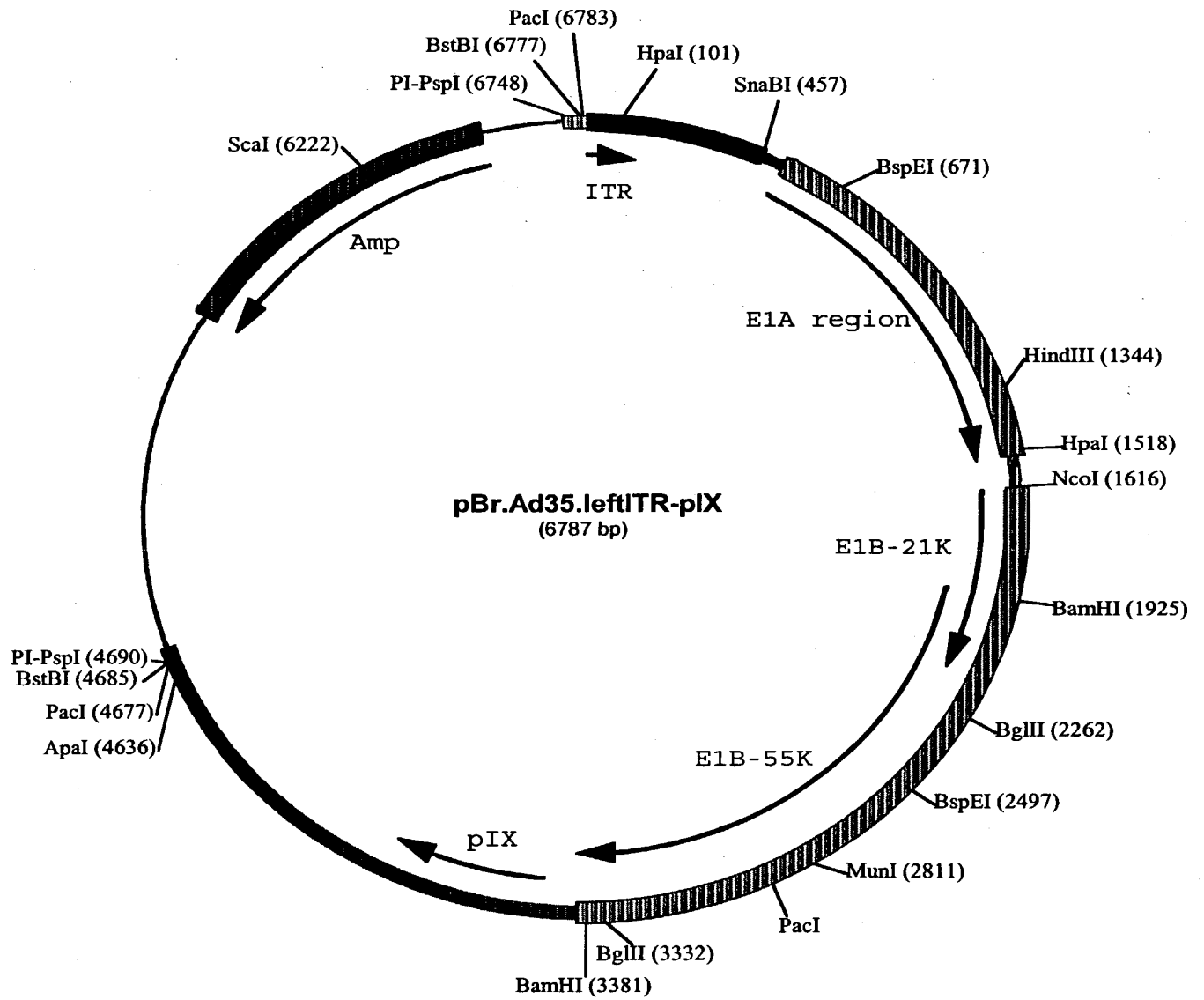
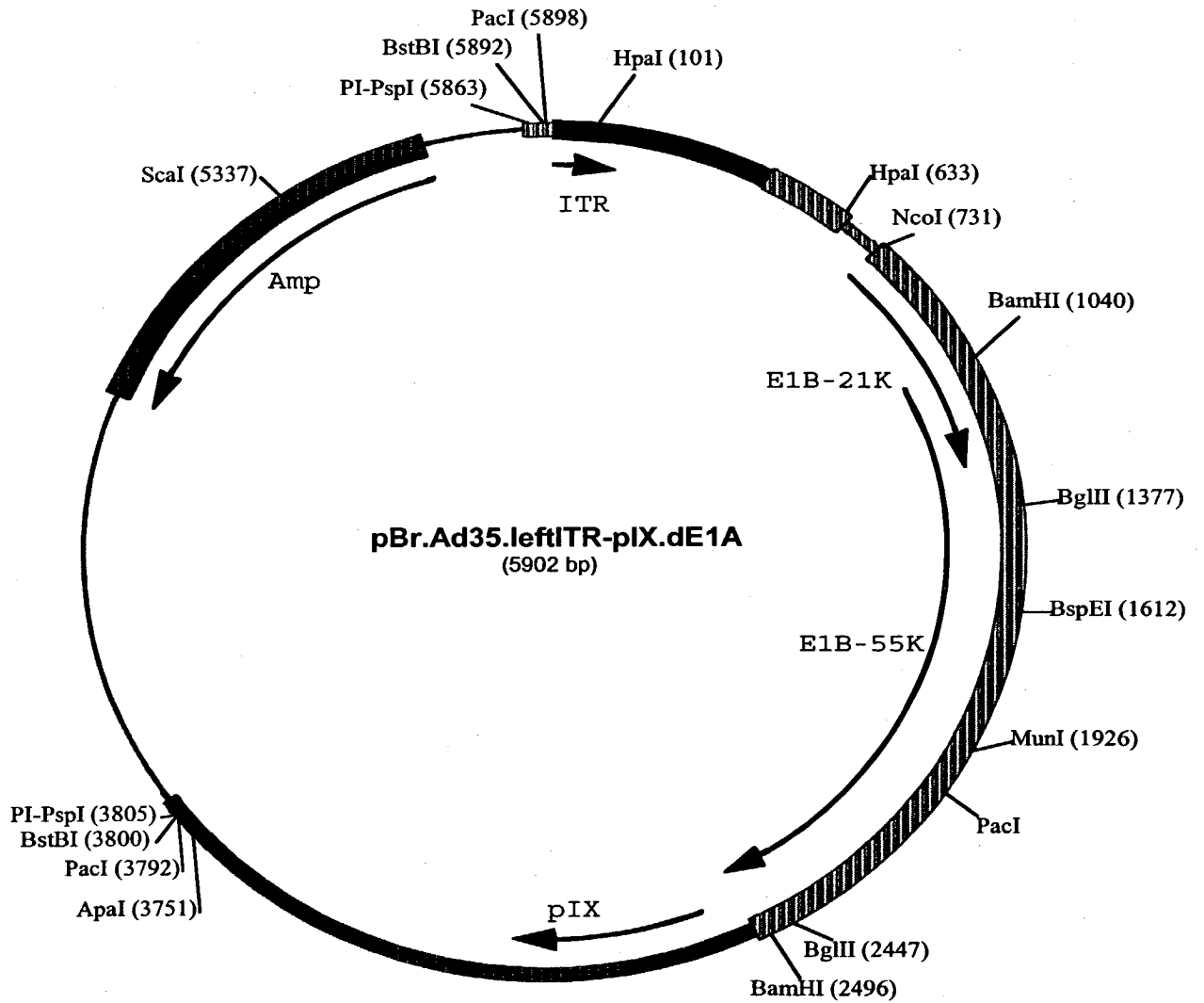


Figure 16



TITLE: COMPLEMENTING CELL LINES

Inventor: Vogels et al.

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Figure 17

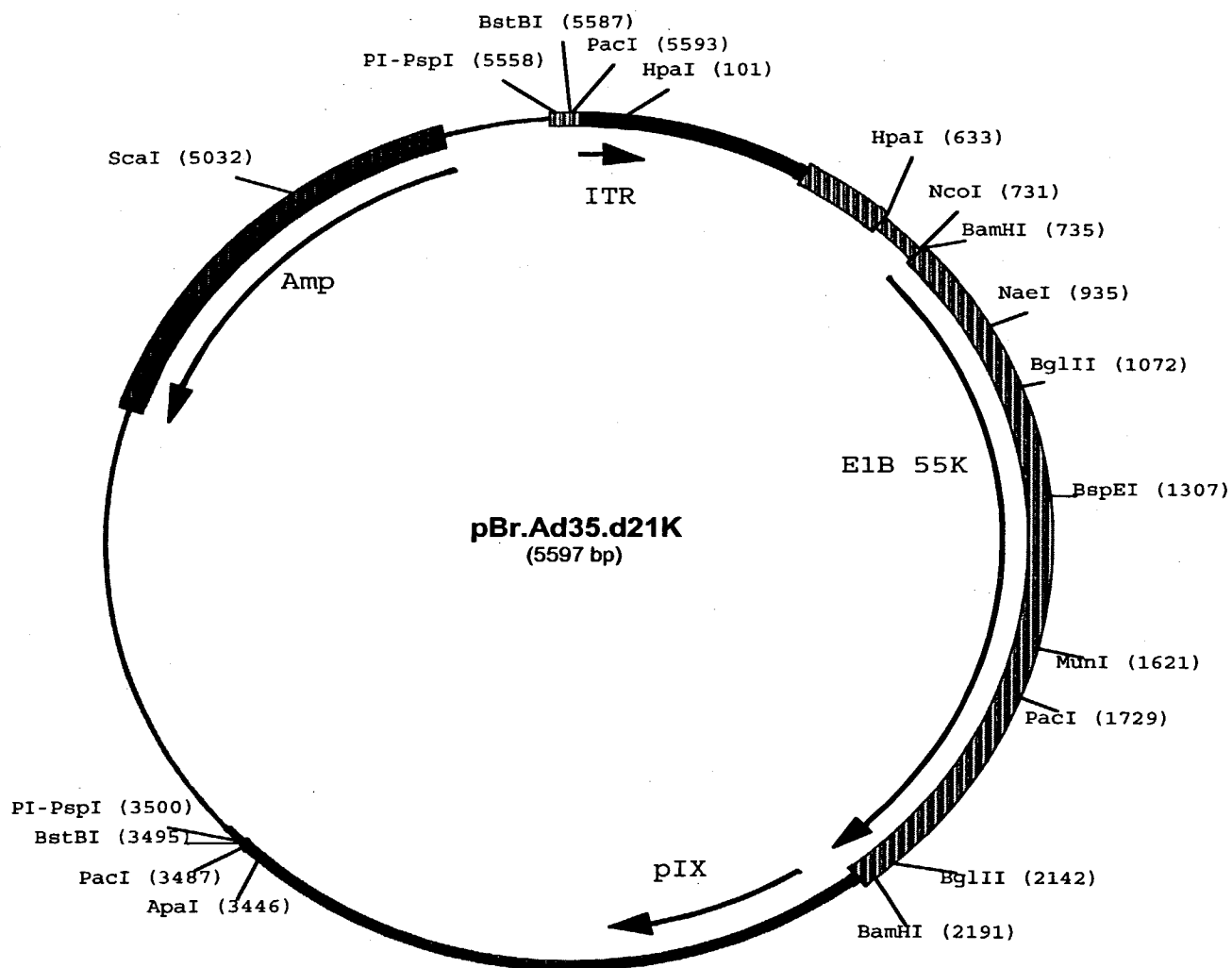
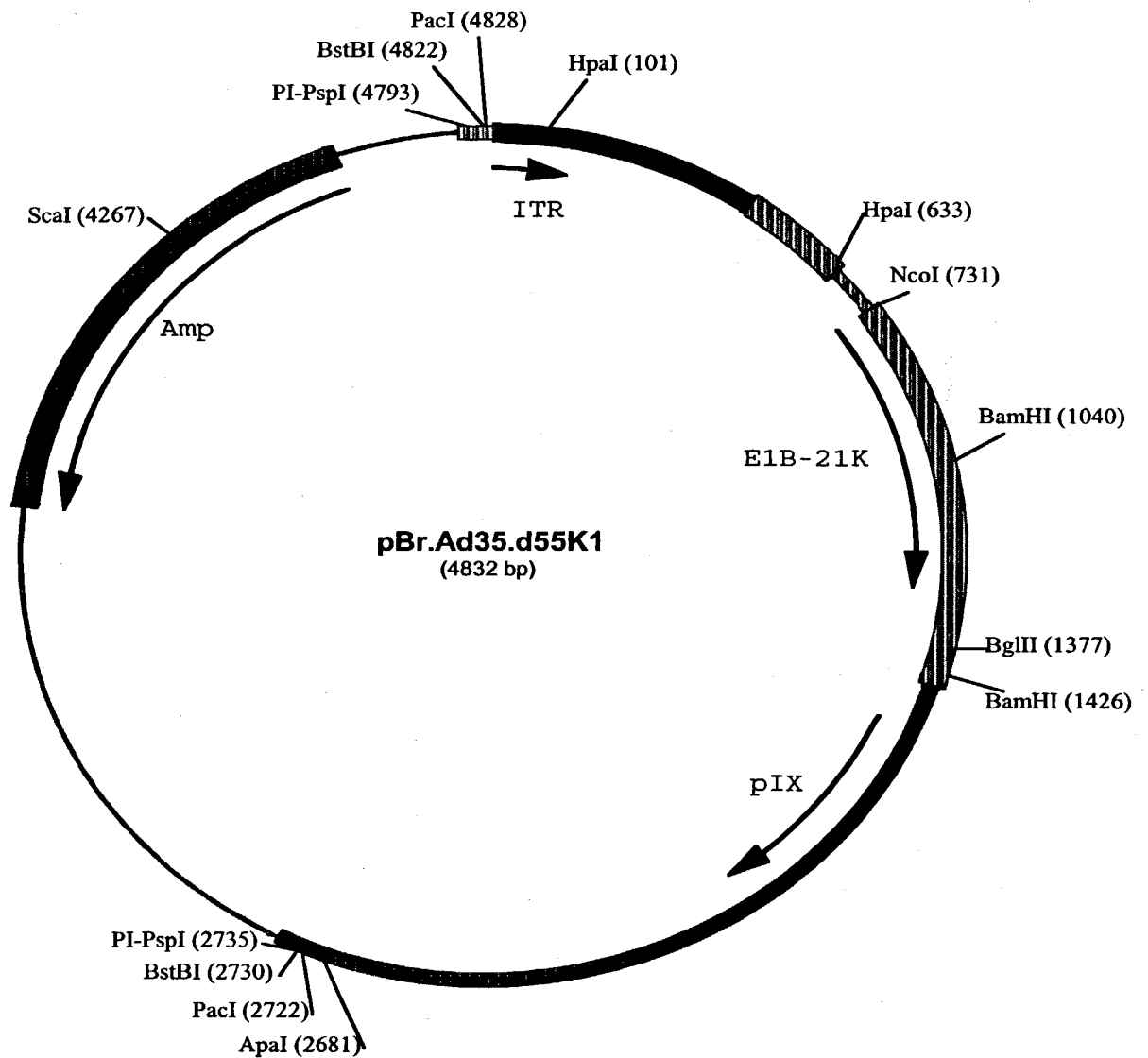


Figure 18



TITLE: COMPLEMENTING CELL LINES

Inventor: Vogels et al.

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Figure 19

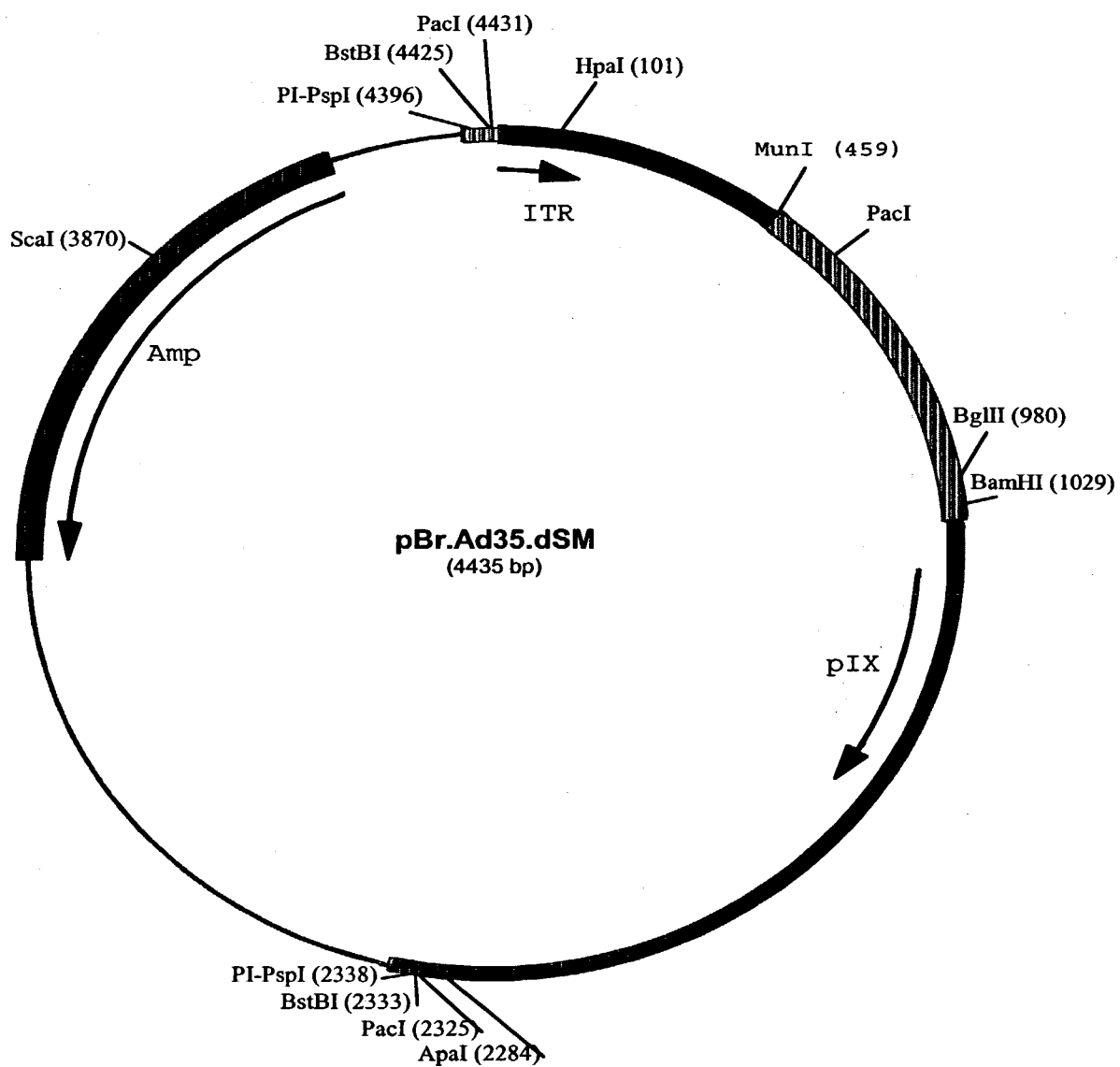


Figure 21

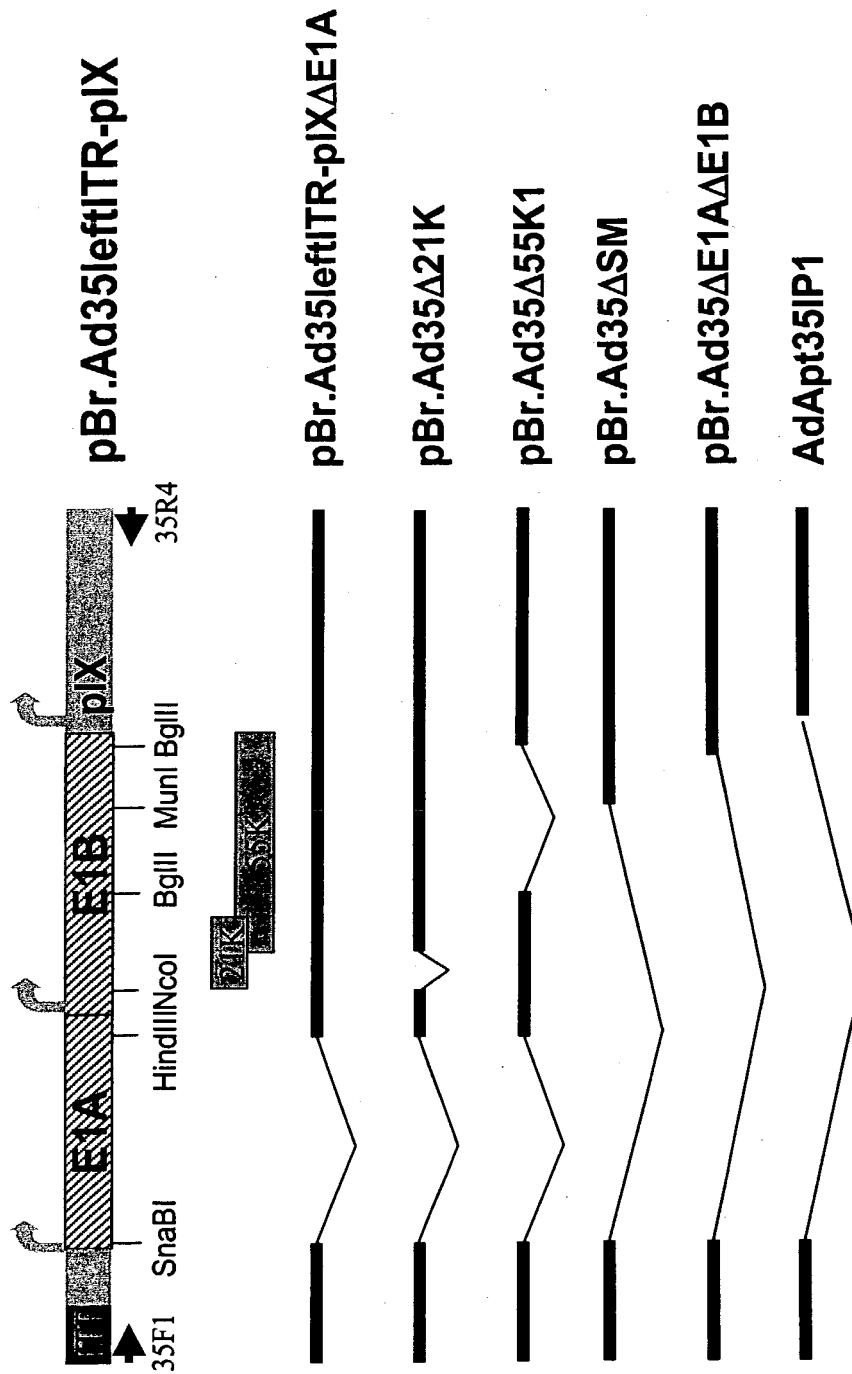
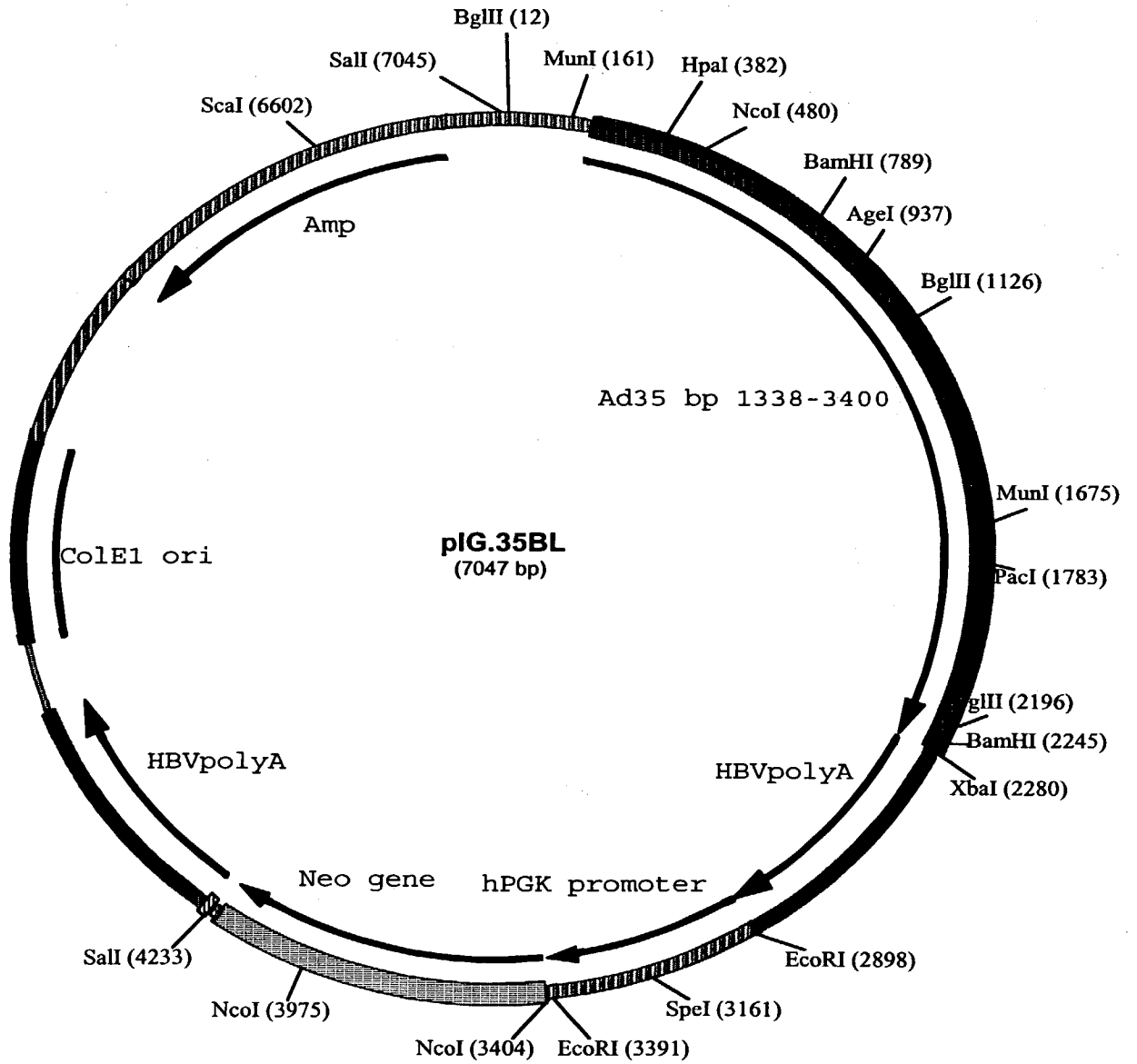


Figure 20

Figure 21



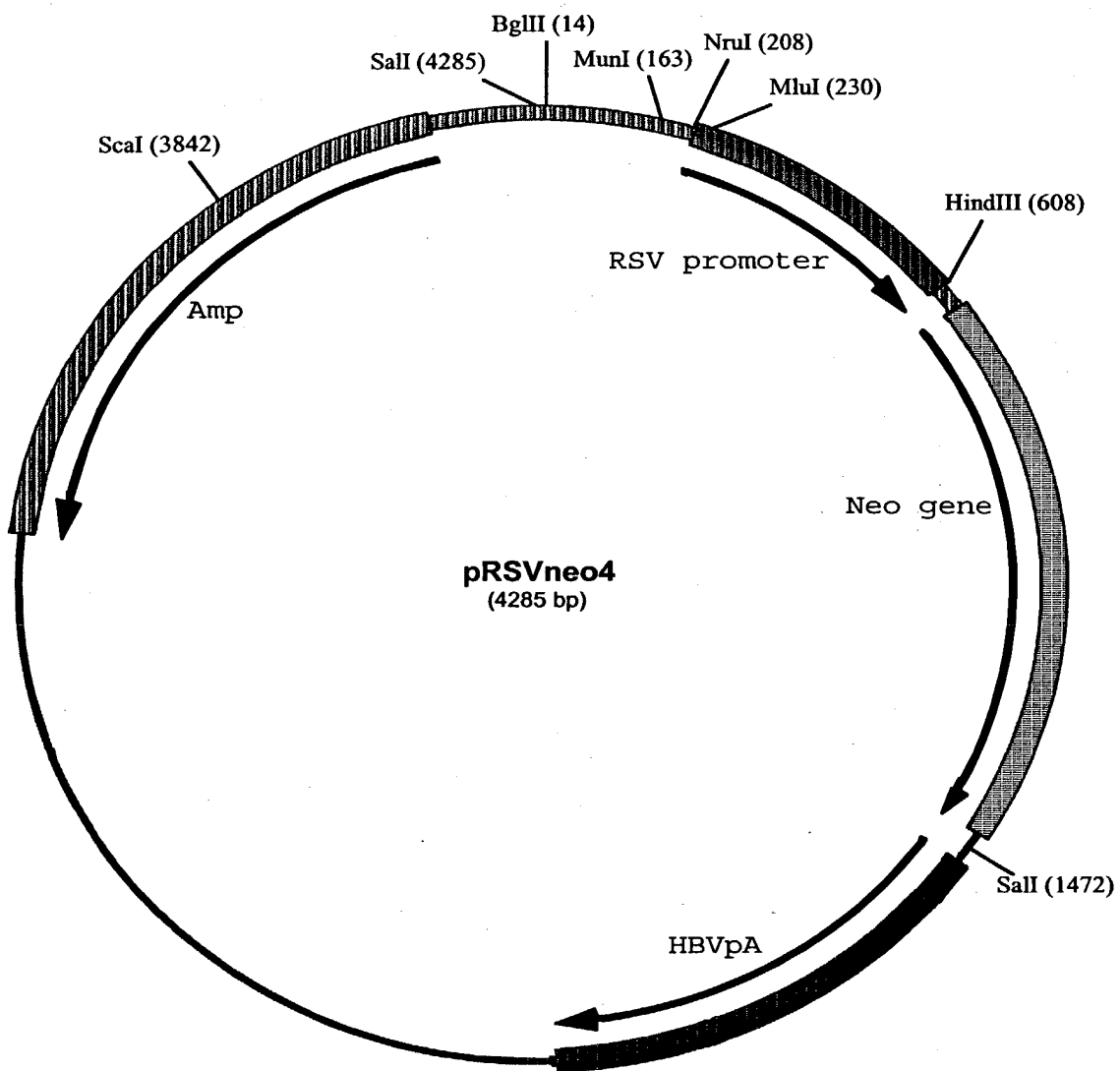
TITLE: COMPLEMENTING CELL LINES

Inventor: Vogels et al.

Serial No.: 10/002,750

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Figure 22



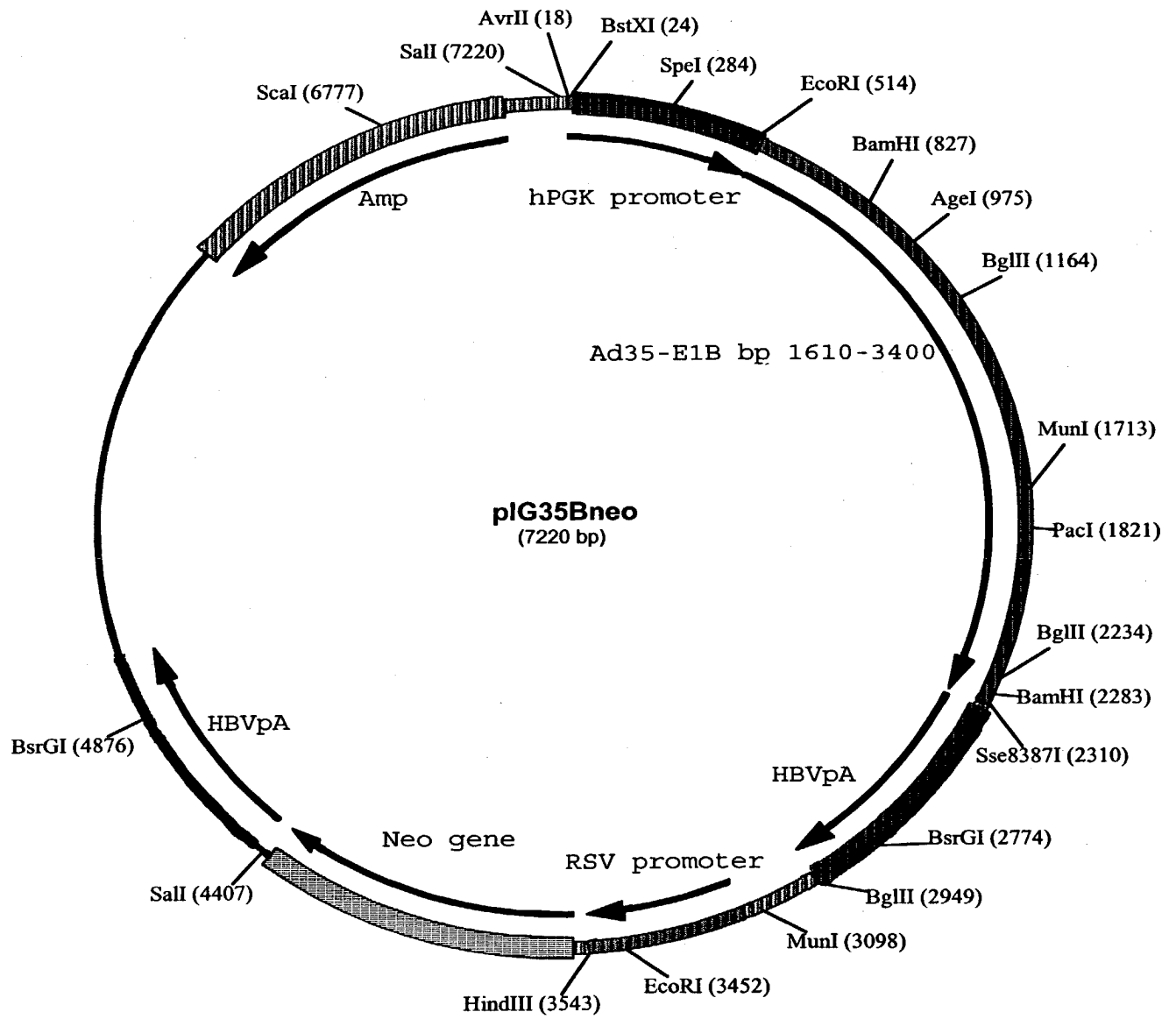
TITLE: COMPLEMENTING CELL LINES

Inventor: Vogels et al.

Serial No.: 10/002,750

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Figure 23



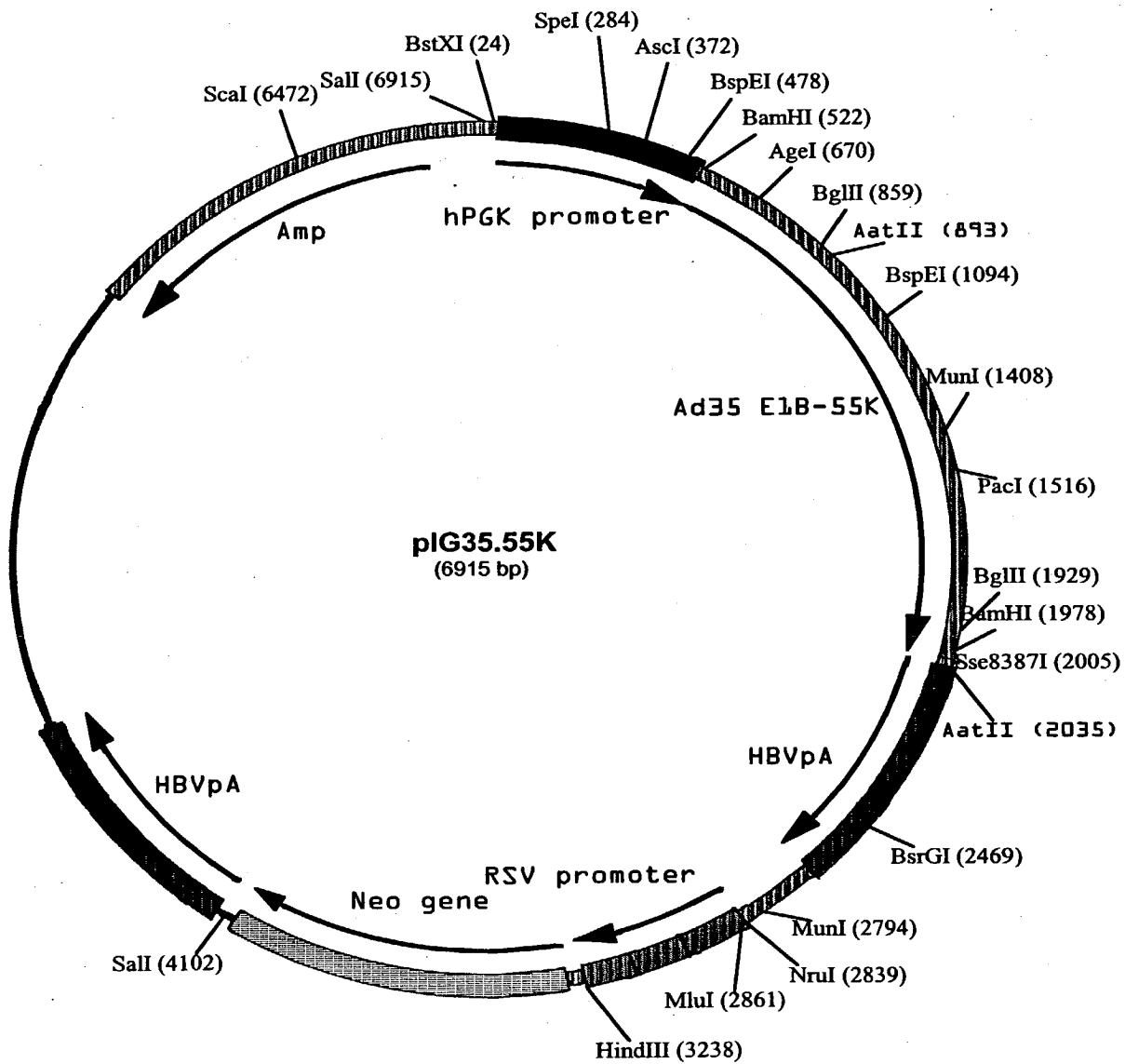
TITLE: COMPLEMENTING CELL LINES

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Figure 24



TITLE: COMPLEMENTING CELL LINES

Inventor: Vogels et al.

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Figure 25

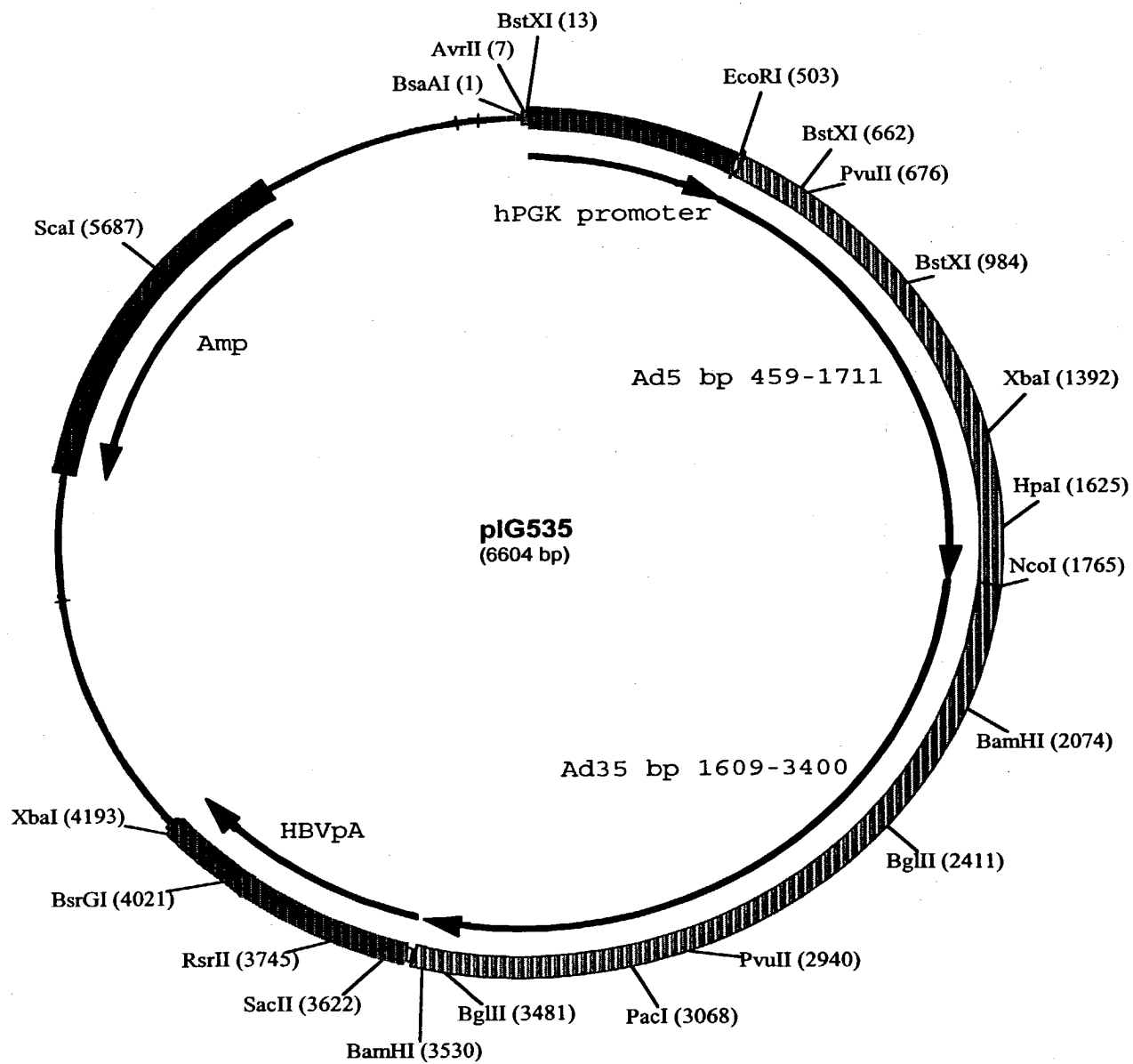


Figure 26

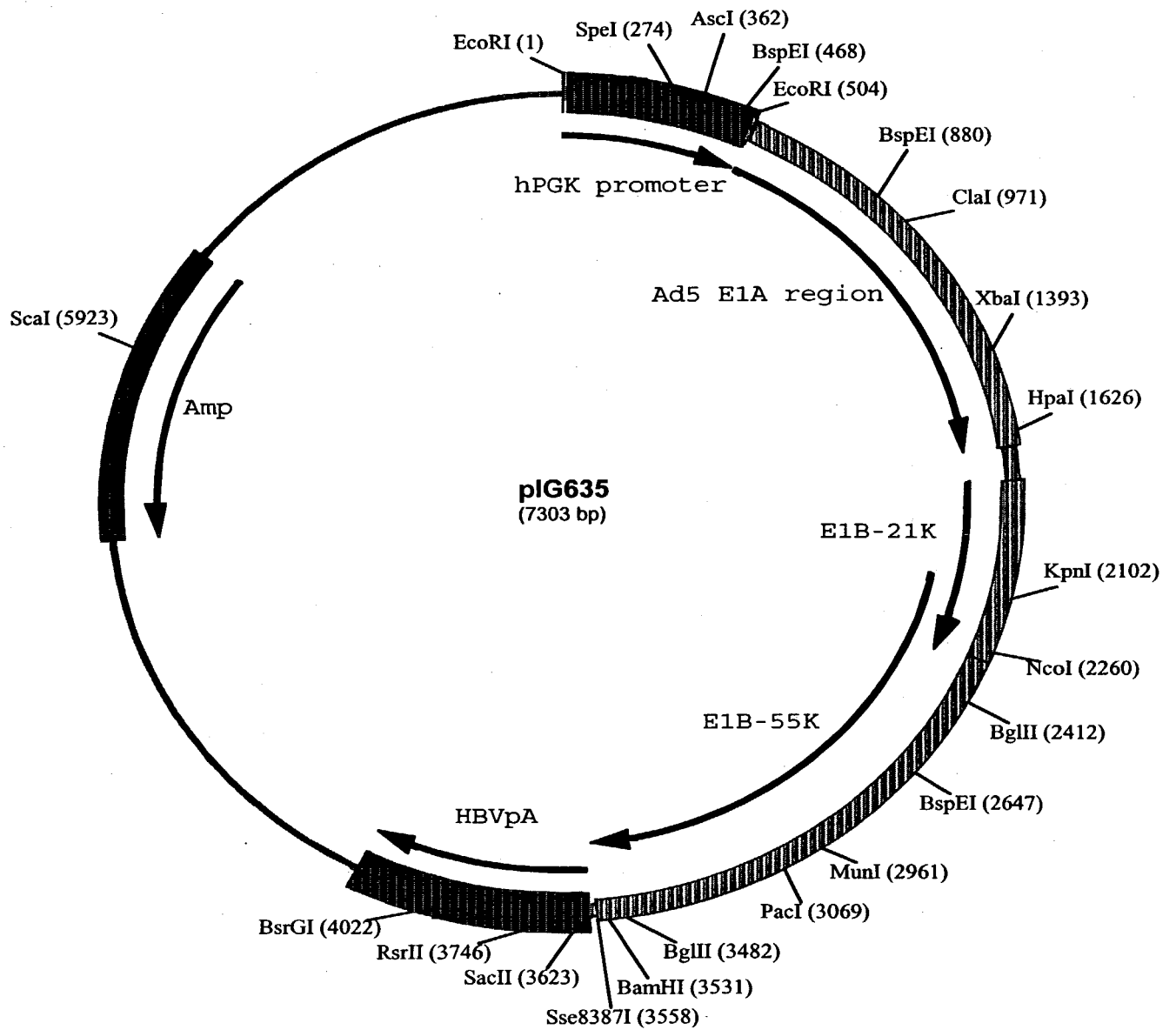


Figure 27

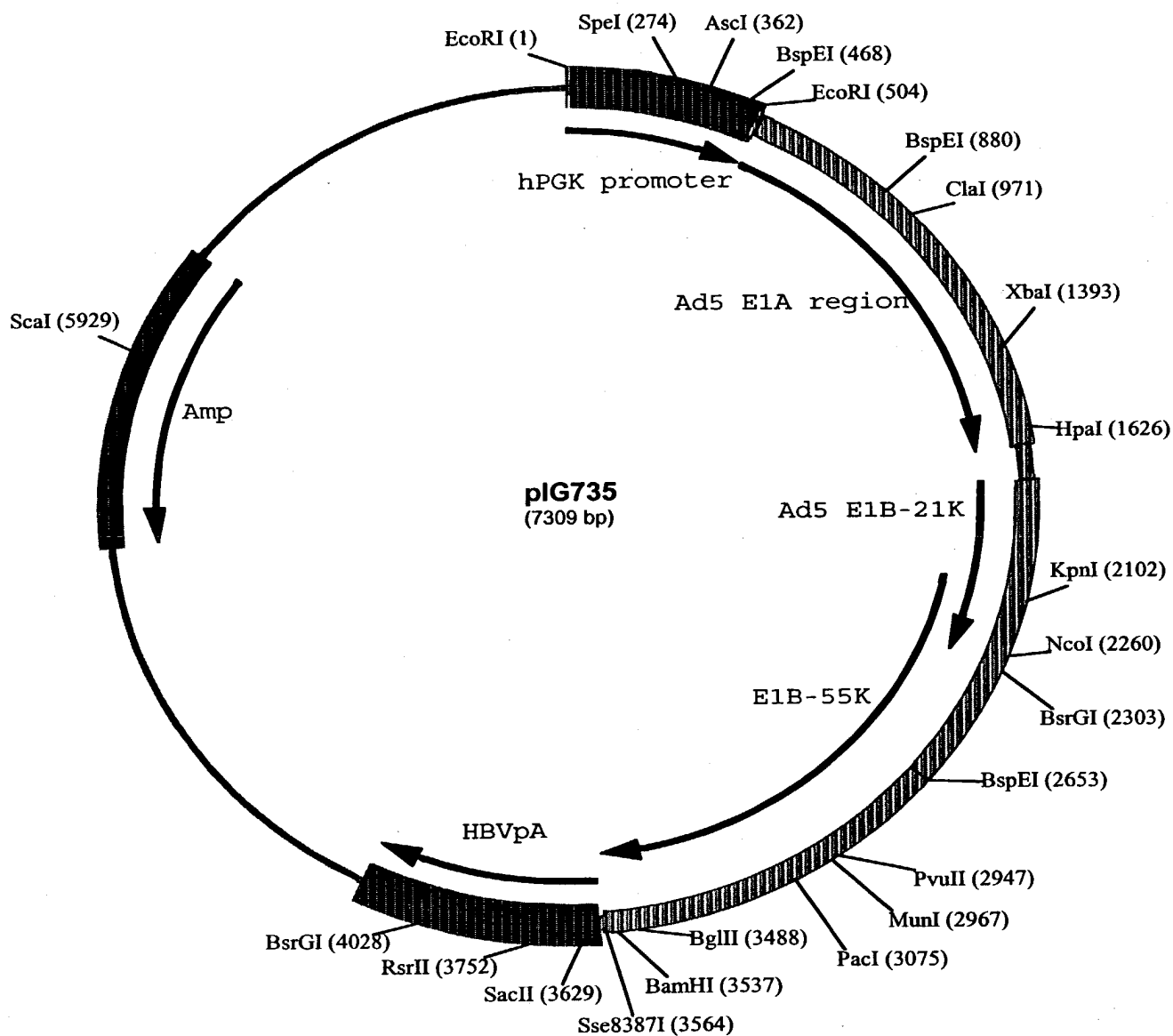


Figure 28

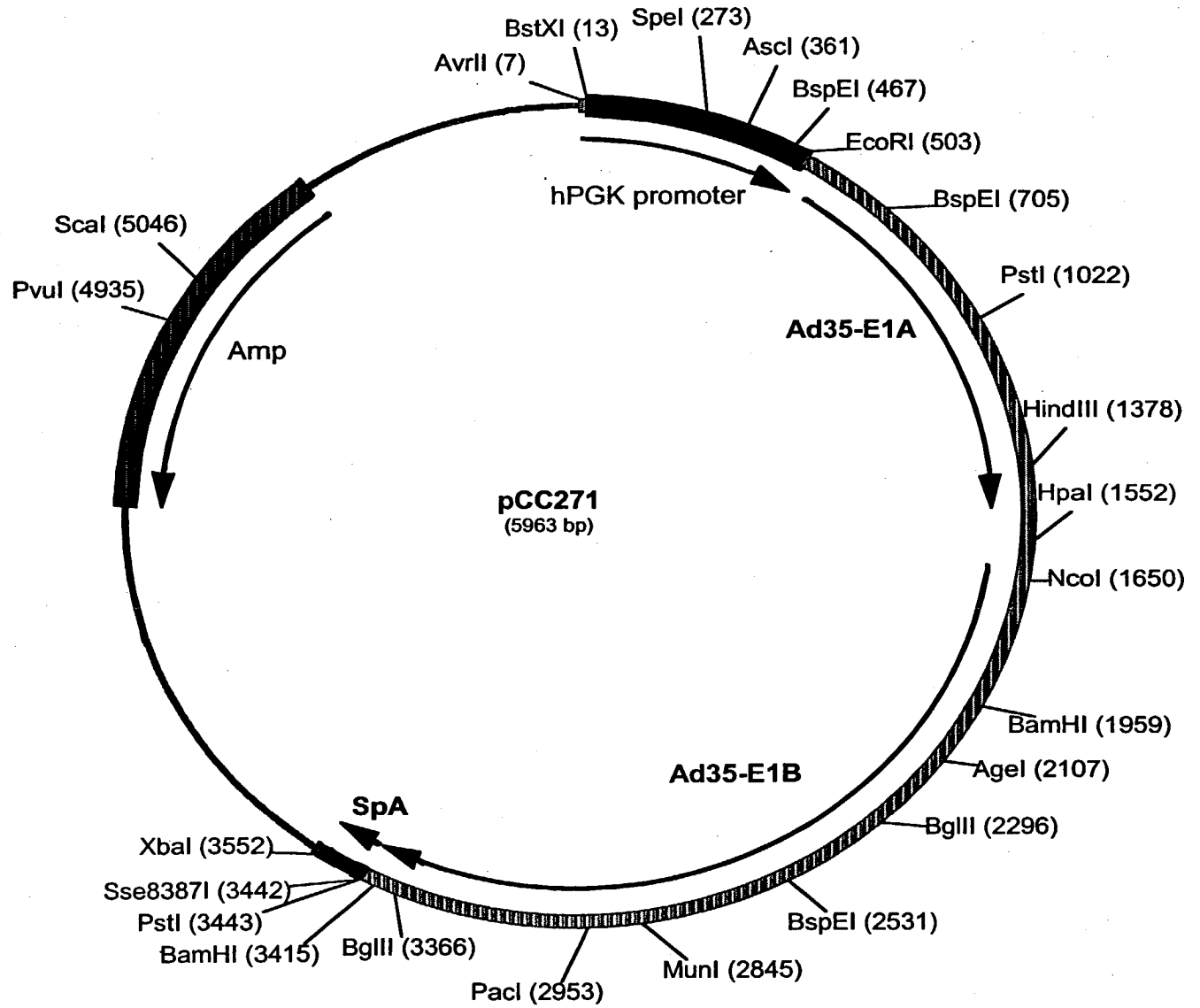


Figure 29

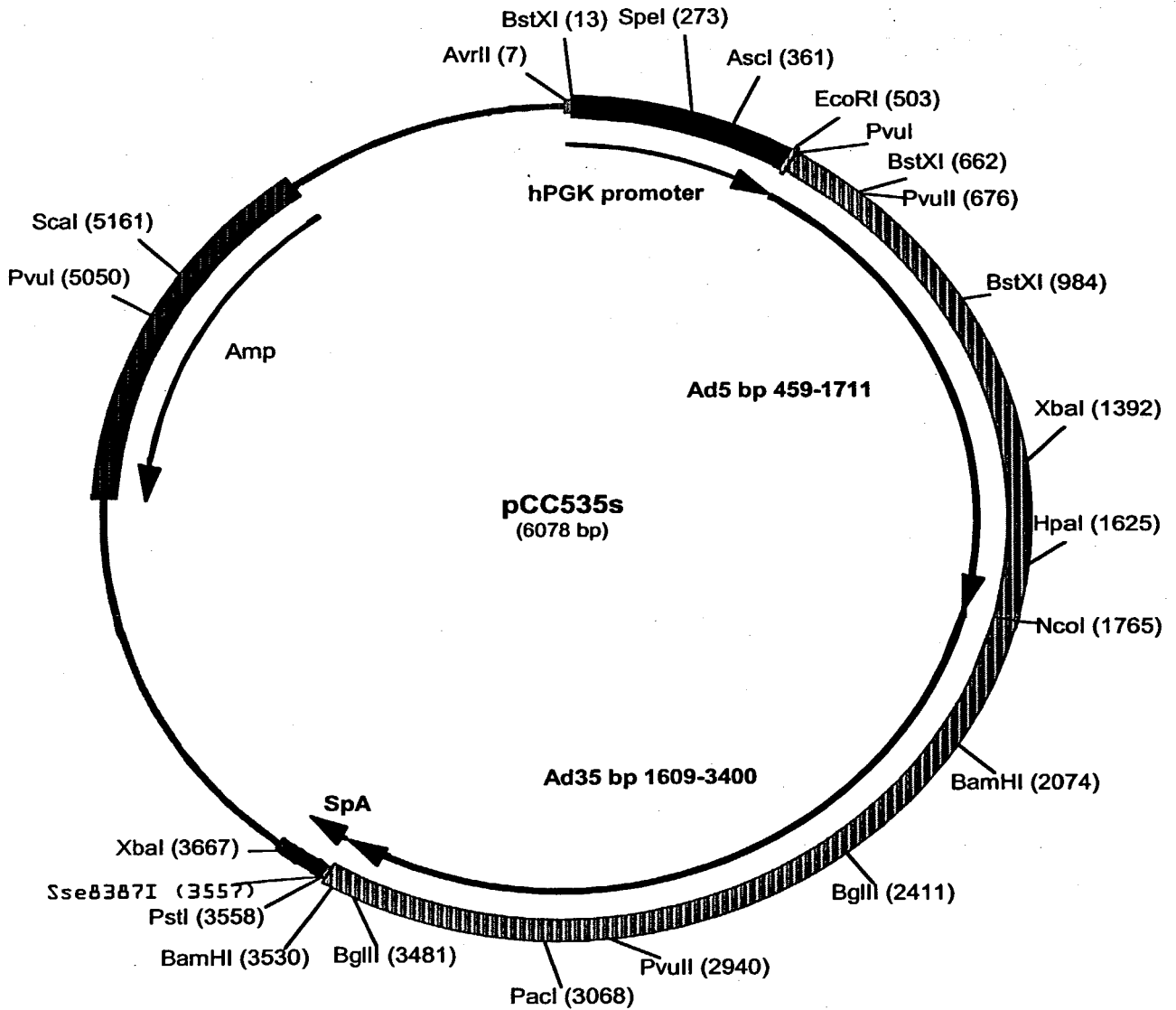


Figure 30

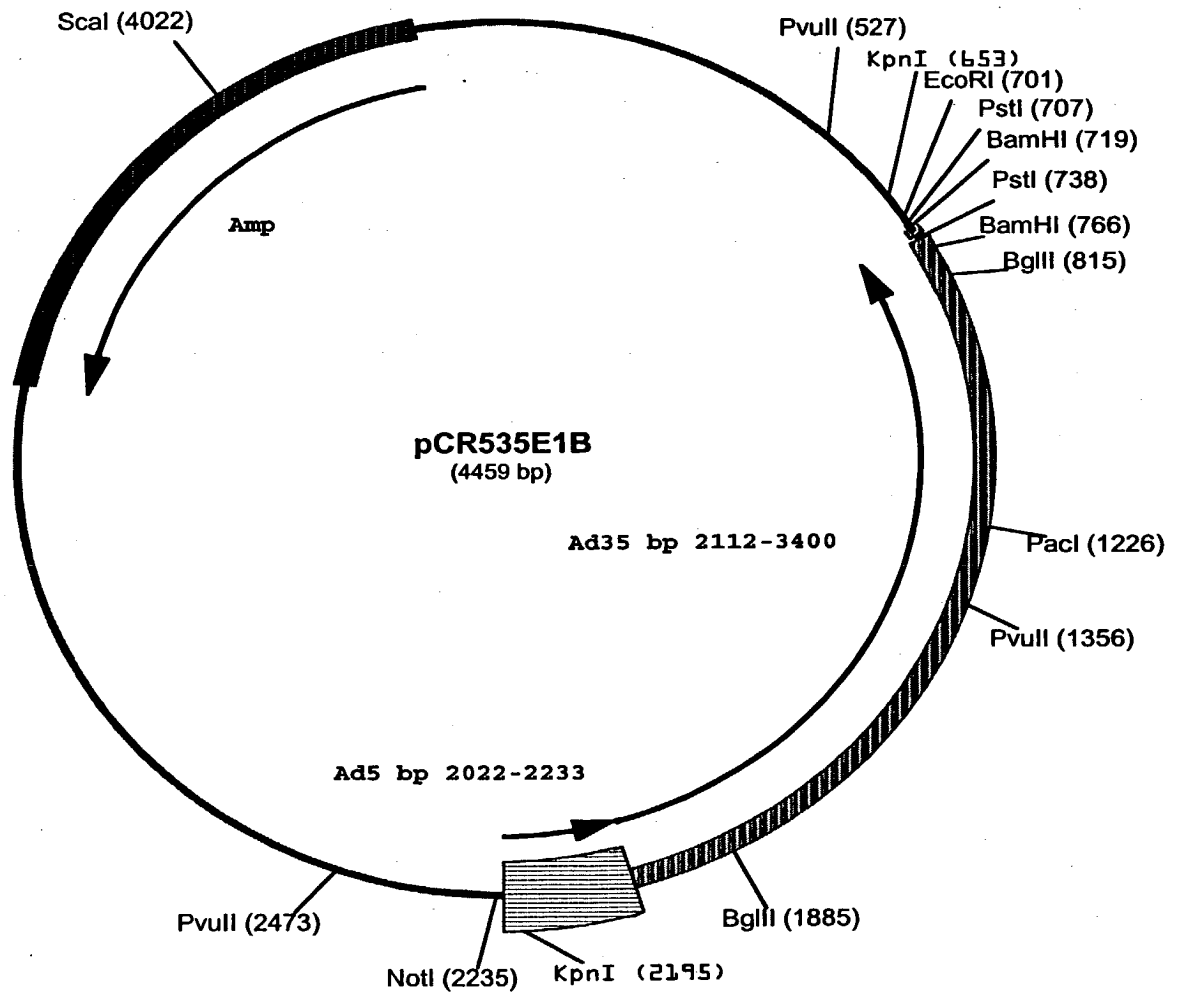
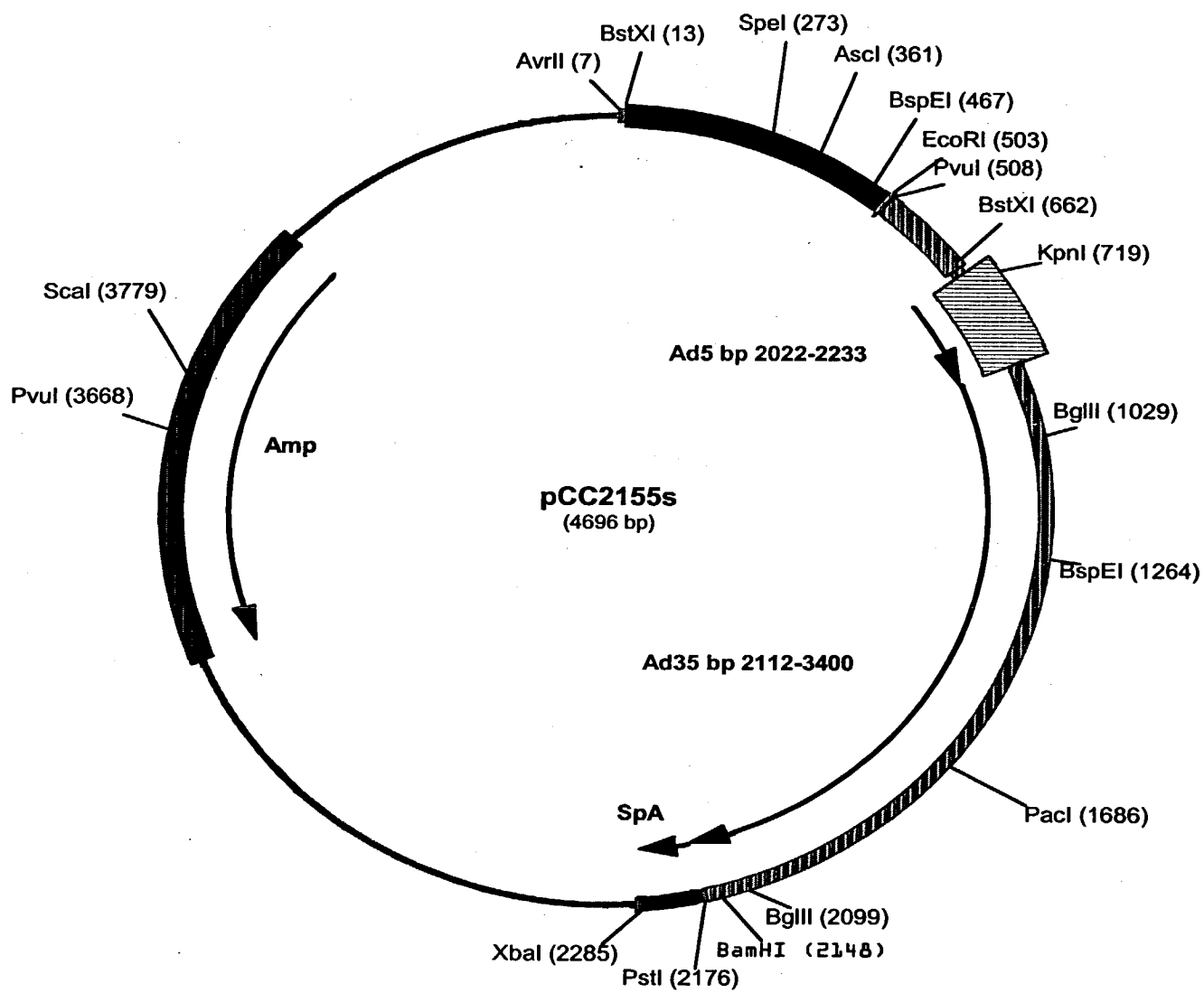


Figure 31



TITLE: COMPLEMENTING CELL LINES

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Figure 32

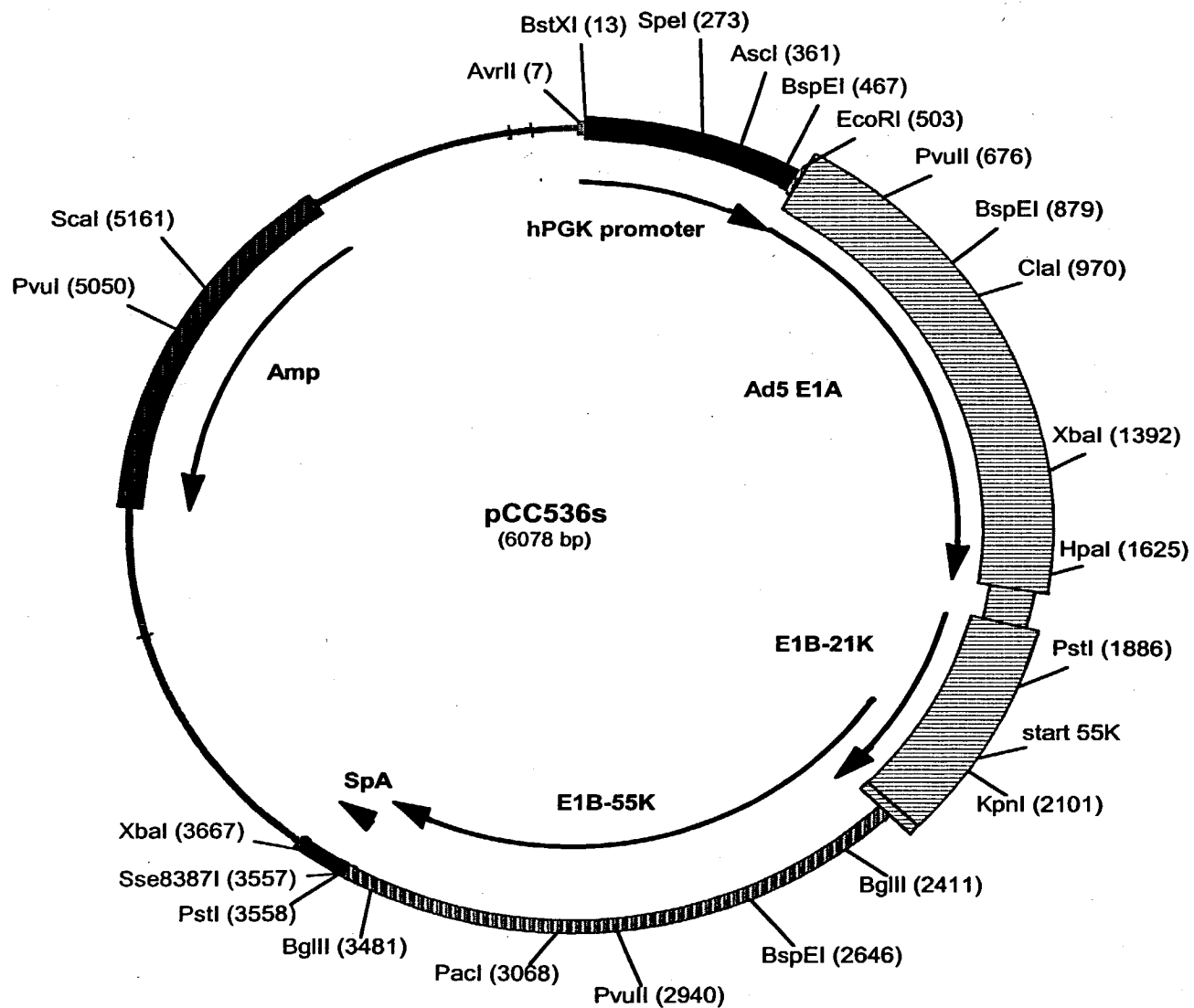


Figure 33

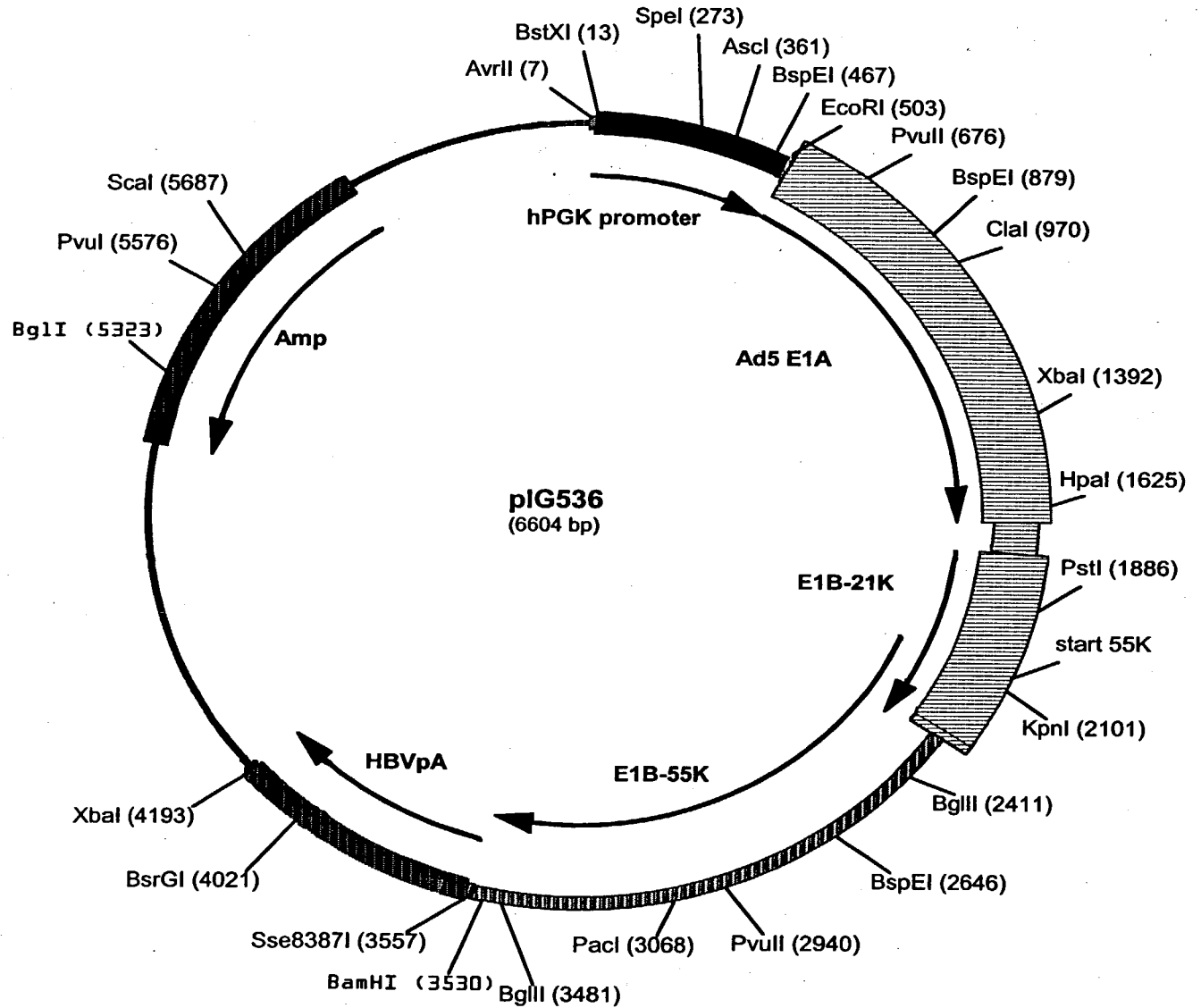
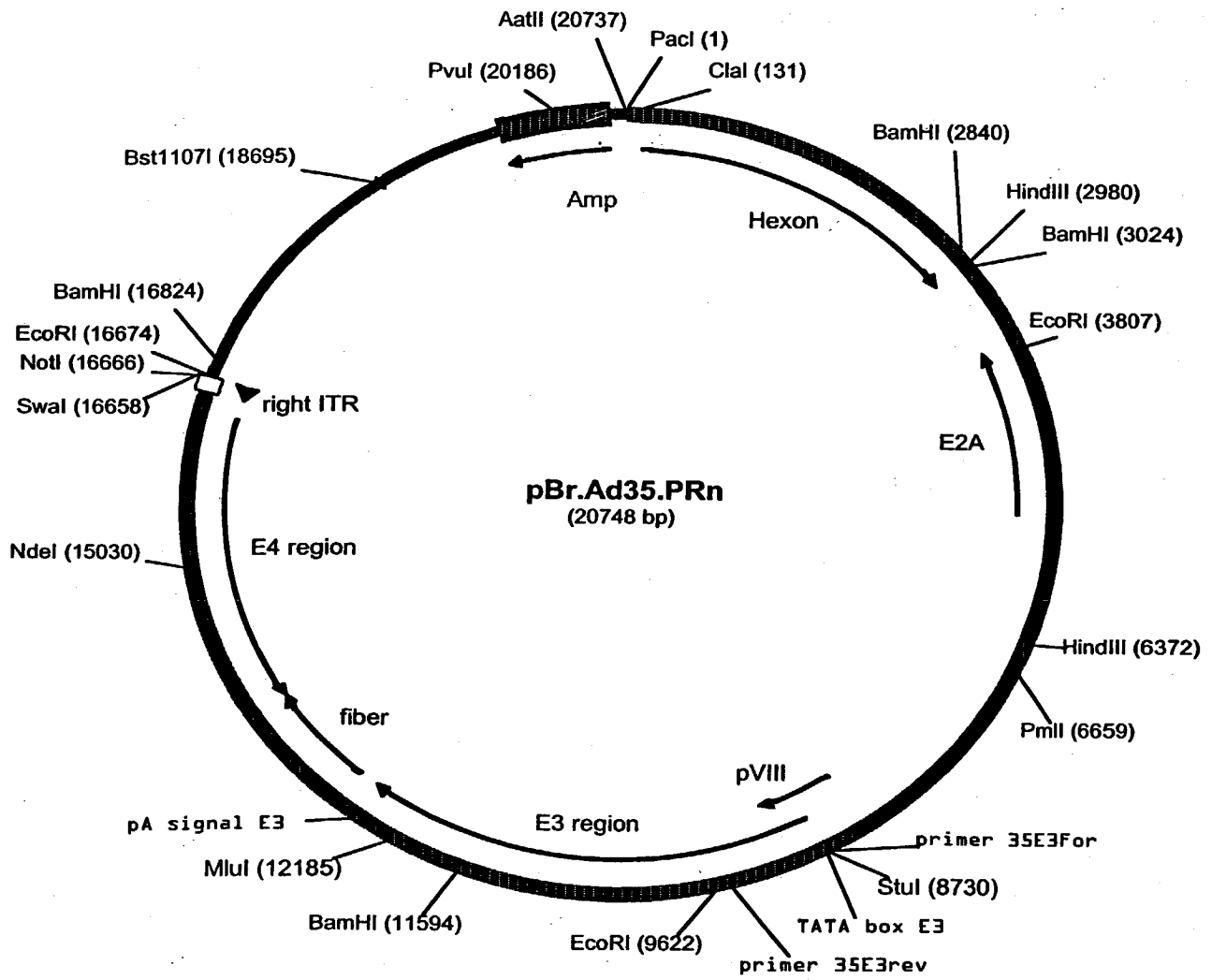


Figure 34



530

TITLE: COMPLEMENTING CELL LINES

Inventor: Vogels et al.

Serial No.: 10/002,750

Docket No.: 2183-5148US

Figure 35

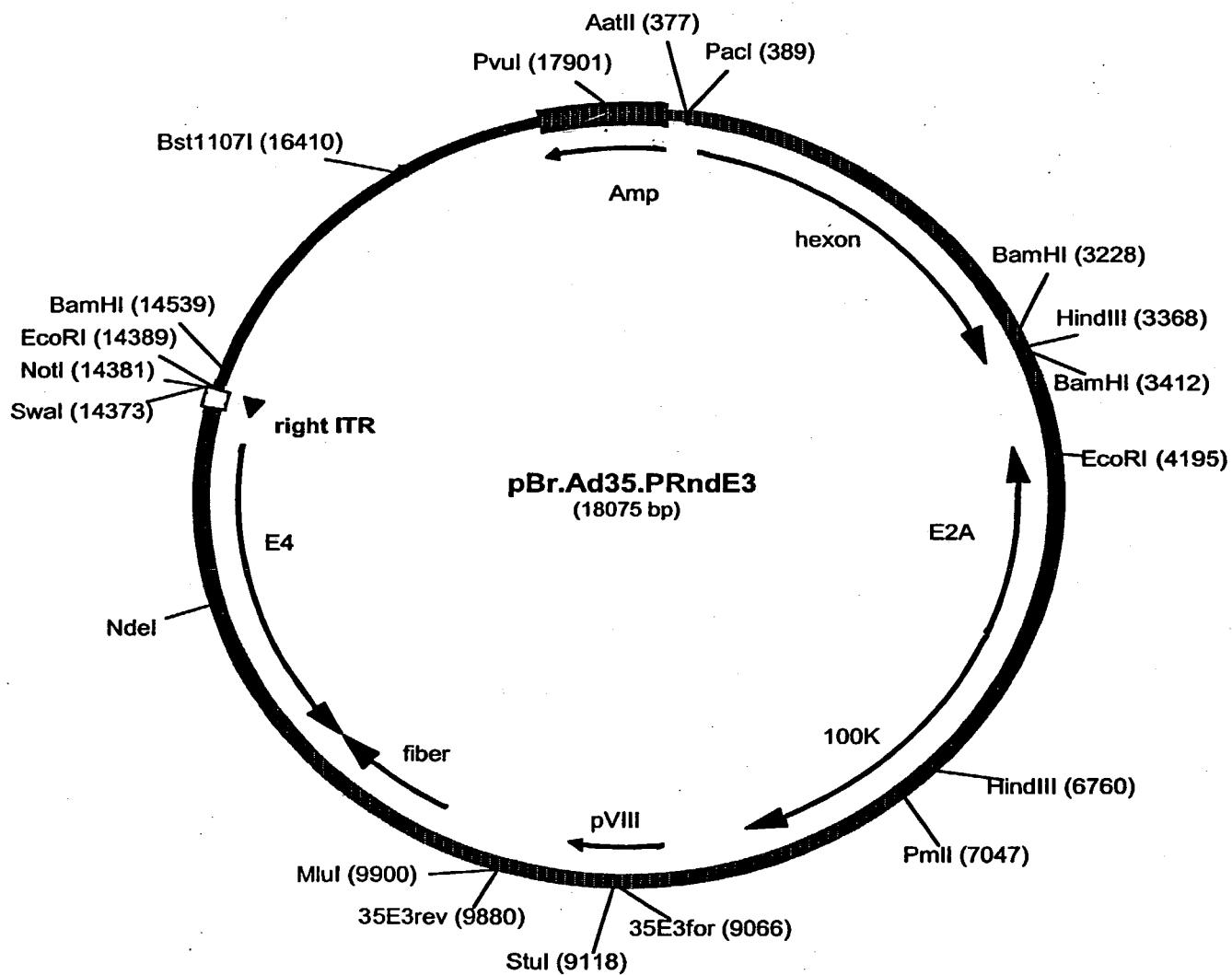
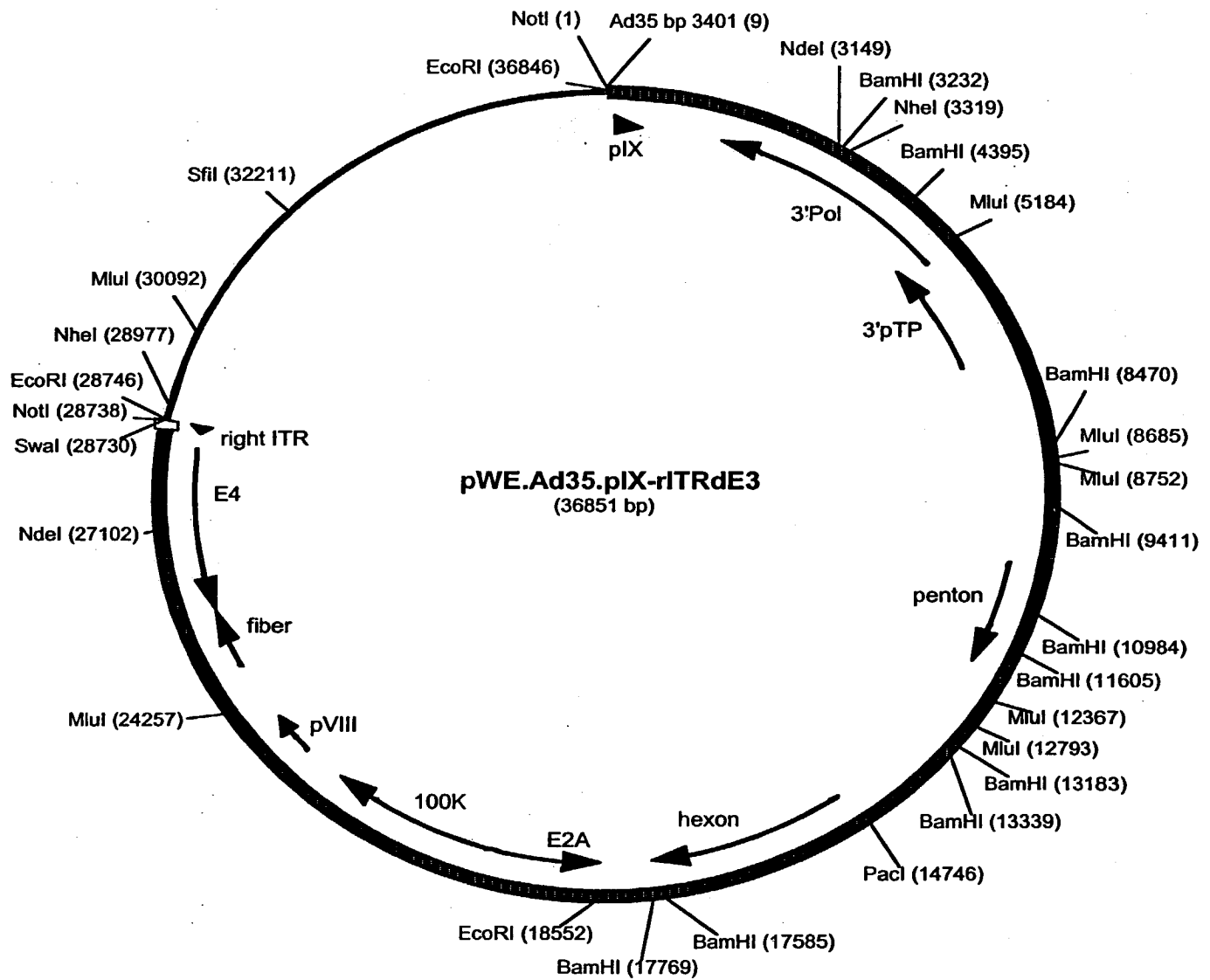


Figure 36



TITLE: COMPLEMENTING CELL LINES

Inventor: Vogels et al.

Serial No.: 10/002,750

Docket No.: 2183-5148US

Figure 37 A: Alignment of E1B-21K sequences from pCC536s, wtAd35 and wtAd5

```

1  MEAWECLEDFSAVRNLLLEQSSNSTSWFWRFLWGSQA KLVCR I K E D Y K W E pCC536s.21K.pro
1  MEAWECLEDFSAVRNLLLEQSSNSTSWFWRFLWGSQA KLVCR I K E D Y K W E Ad5.E1B-21K.pro
1  MEVWAILEDLRKTRQLLE[SA][DGV][G]FWRF[WA][SE][L]ARV[F]RIRK[Q]DYK[Q]E Ad35.E1B-21K.pro
51  FEELKSCGELFDLSNLNGHQALFQEKVIKTLDFSTPGRAAAAVAFLSFIK pCC536s.21K.pro
51  FEELKSCGELFDLSNLNGHQALFQEKVIKTLDFSTPGRAAAAVAFLSFIK Ad5.E1B-21K.pro
51  FEKLLVD[CPG]LF[E]ALNLNGHQ[VH][F][K]EKV[LSV]LDFSTPGR[T]AAAVAF[L][T]FI[L] Ad35.E1B-21K.pro
101 DKWSEETHLSGGYLLDPLAMHLLWRA[V]VVRHKNRLLLSVVRPAIIPTEEQ pCC536s.21K.pro
101 DKWSEETHLSGGYLLDPLAMHLLWRA[V]VVRHKNRLLLSVVRPAIIPTEEQ Ad5.E1B-21K.pro
101 DKW[IPQ]TH[FS][R]GY[V]LDPL[TA][L]WR[T]WK[V]RK[M]RT[L][GYM]P[V]Q[PL]GVAGI[L]R Ad35.E1B-21K.pro
150 QQQQEEARRRRRQEQQSPWNPRAGLDPPVVEEA E
150 QQQQEEARRRRRQEQQSPWNPRAGLDPP[R]--- E
151 HPPVMP[PA]VLEEEQ[QED]-NPRAGLDPPVVEEA E

```

Decoration 'Decoration #1': Box residues that differ from the Consensus.

Figure 37 B: Alignment of E1B-55K sequences from pCC536s, wtAd35 and wtAd5

1	M	E	R	N	P	S	E	R	G	V	P	A	G	F	S	G	H	A	S	V	E	S	G	C	E	T	Q	E	S	P	A	T	V	V	F	R	P	P	G	D	N	T	D	G	G	A	A	A	A	A	G	pCC536s.55K.pro										
1	M	D	P	A	D	S	F	Q	Q	G	I	R	F	G	F	H	S	I	S	I	V	E	N	M	E	G	S	Q	D	E	D	N	L	R	L	A	S	A	A	F	G	C	S	G	N	P	E	A	S	T	G	H	A	S	G	S	G	G	A	D35.E1B-55K.pro		
1	M	E	R	N	P	S	E	R	G	V	P	A	G	F	S	G	H	A	S	V	E	S	G	C	E	T	Q	E	S	P	A	T	V	V	F	R	P	P	G	D	N	T	D	G	G	A	A	A	A	G	S	Q	A	A	A	G	A45.E1B-55K.pro					
61	A	E	P	M	E	P	E	S	R	P	G	P	S	S	-	G	G	G	V	A	D	L	S	P	E	L	Q	R	V	L	T	G	S	T	S	T	G	R	D	R	G	V	K	R	E	R	A	S	S	-	G	T	D	A	R	S	E	L	A	pCC536s.55K.pro		
61	T	A	R	G	Q	P	E	S	R	P	G	P	S	S	-	G	G	G	V	A	D	L	S	P	E	L	Q	R	V	L	T	G	S	T	S	T	G	R	D	R	G	V	K	R	E	R	A	S	S	-	G	T	D	A	R	S	E	L	A	A435.E1B-55K.pro		
61	A	E	P	M	E	P	E	S	R	P	G	P	S	S	-	G	M	N	V	Q	V	A	E	L	Y	P	E	L	R	I	L	T	E	D	G	Q	G	L	K	I	G	V	K	R	E	R	G	A	C	E	A	T	E	E	A	R	N	L	A	A45.E1B-55K.pro		
119	L	S	L	M	S	R	R	R	P	E	T	I	W	H	E	V	Q	K	E	G	R	D	E	V	S	V	L	Q	E	K	Y	S	L	E	Q	V	K	T	C	W	L	E	P	E	D	D	W	A	V	A	I	K	N	Y	A	K	I	A	L	pCC536s.55K.pro		
119	L	S	L	M	S	R	R	R	P	E	T	I	W	H	E	V	Q	K	E	G	R	D	E	V	S	V	L	Q	E	K	Y	S	L	E	Q	V	K	T	C	W	L	E	P	E	D	D	W	A	V	A	I	K	N	Y	A	K	I	A	L	A435.E1B-55K.pro		
121	F	S	L	M	T	R	H	R	P	E	C	I	T	F	Q	Q	I	K	D	N	C	A	N	E	L	D	L	A	Q	K	Y	S	I	E	Q	L	T	Y	W	L	Q	P	G	D	D	F	E	E	A	I	R	V	Y	A	K	V	A	L	A45.E1B-55K.pro			
179	R	P	D	K	Q	Y	K	I	S	R	R	I	N	I	R	N	A	C	Y	I	S	G	N	G	A	E	V	I	D	T	Q	D	K	T	V	I	R	C	C	M	M	D	M	W	P	G	V	V	G	M	E	A	V	T	F	V	N	V	K	pCC536s.55K.pro		
179	R	P	D	K	Q	Y	K	I	S	R	R	I	N	I	R	N	A	C	Y	I	S	G	N	G	A	E	V	I	D	T	Q	D	K	T	V	I	R	C	C	M	M	D	M	W	P	G	V	V	G	M	E	A	V	T	F	V	N	V	K	A435.E1B-55K.pro		
181	R	P	D	C	K	Y	K	I	S	K	L	V	N	I	R	N	C	Y	I	S	G	N	G	A	E	V	I	D	T	E	D	R	V	A	F	R	C	S	M	I	N	M	W	P	G	V	L	G	M	D	G	V	I	M	N	V	R	A45.E1B-55K.pro				
239	F	R	G	D	G	Y	N	G	I	V	F	M	A	N	T	K	L	I	H	G	C	S	F	F	G	F	N	T	C	V	D	A	W	G	Q	V	S	V	R	G	C	S	F	Y	A	C	W	I	A	T	A	G	R	T	K	S	Q	L	pCC536s.55K.pro			
239	F	R	G	D	G	Y	N	G	I	V	F	M	A	N	T	K	L	I	H	G	C	S	F	F	G	F	N	T	C	V	D	A	W	G	Q	V	S	V	R	G	C	S	F	Y	A	C	W	I	A	T	A	G	R	T	K	S	Q	L	A435.E1B-55K.pro			
241	F	T	G	P	N	F	S	G	T	V	F	L	A	N	T	N	L	I	L	H	G	V	S	F	Y	G	F	N	T	C	V	E	A	W	T	D	V	R	I	C	W	K	G	V	V	C	R	P	K	S	R	A	A45.E1B-55K.pro									
299	S	L	K	K	C	I	F	Q	R	C	N	L	G	I	L	N	E	G	E	A	R	V	R	H	C	A	S	T	D	T	G	C	F	I	L	I	K	G	N	A	S	V	K	H	N	M	I	C	G	A	S	D	E	R	P	Y	Q	M	L	T	pCC536s.55K.pro	
299	S	L	K	K	C	I	F	Q	R	C	N	L	G	I	L	N	E	G	E	A	R	V	R	H	C	A	S	T	D	T	G	C	F	I	L	I	K	G	N	A	S	V	K	H	N	M	I	C	G	A	S	D	E	R	P	Y	Q	M	L	T	A435.E1B-55K.pro	
301	S	I	K	K	C	L	F	E	R	C	T	L	G	I	L	S	E	G	N	S	R	V	R	H	N	V	A	S	D	C	G	C	F	M	L	V	K	S	V	A	V	I	K	H	N	M	V	C	G	N	C	E	D	R	I	A	S	Q	M	L	T	A45.E1B-55K.pro
359	C	A	G	G	H	C	N	M	L	A	T	V	H	I	V	S	H	Q	R	K	K	W	P	V	F	D	H	N	V	L	T	K	C	T	M	H	A	G	G	R	R	G	M	F	P	Y	Q	C	N	M	N	H	V	K	V	L	L	E	P	pCC536s.55K.pro		
359	C	A	G	G	H	C	N	M	L	A	T	V	H	I	V	S	H	Q	R	K	K	W	P	V	F	D	H	N	V	L	T	K	C	T	M	H	A	G	G	R	R	G	M	F	M	P	Y	Q	C	N	M	N	H	V	K	V	L	L	E	P	A435.E1B-55K.pro	
361	C	S	D	G	N	C	H	L	L	K	T	I	H	V	A	S	H	S	R	K	A	W	P	V	F	E	H	N	I	L	T	R	C	S	L	H	L	G	N	R	R	G	V	F	L	P	Y	Q	C	N	L	S	H	T	K	I	L	L	E	P	A45.E1B-55K.pro	
419	D	A	F	S	R	M	S	L	T	G	I	F	D	M	N	T	Q	I	W	K	I	L	R	Y	D	D	T	R	S	R	V	R	A	C	E	G	G	K	H	A	R	F	Q	P	V	C	V	D	V	T	E	D	L	R	P	D	H	L	V	pCC536s.55K.pro		
419	D	A	F	S	R	M	S	L	T	G	I	F	D	M	N	T	Q	I	W	K	I	L	R	Y	D	D	T	R	S	R	V	R	A	C	E	G	G	K	H	A	R	F	Q	P	V	C	V	D	V	T	E	D	L	R	P	D	H	L	V	A435.E1B-55K.pro		
421	E	S	M	S	K	V	N	L	N	G	V	F	D	M	T	M	K	I	W	K	V	L	R	Y	D	E	T	R	C	R	P	C	E	C	G	G	K	H	I	R	N	Q	P	V	M	L	D	V	T	E	E	L	R	P	D	H	L	V	A45.E1B-55K.pro			
479	I	A	R	T	G	A	E	F	G	S	S	G	E	E	T	D																																						pCC536s.55K.pro								
479	I	A	R	T	G	A	E	F	G	S	S	G	E	E	T	D																																						A435.E1B-55K.pro								
481	L	A	C	I	R	A	E	F	G	S	S	D	E	D	T	D																																						A45.E1B-55K.pro								

Decoration "Decoration #1": Box residues that differ from pCC536s.55K.PRO.